

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110422\
 Data File : VX032591.D
 Acq On : 04 Nov 2022 22:58
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/07/2022
 Supervised By : Mahesh Dadoda 11/07/2022

Quant Time: Nov 05 06:20:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 08:28:06 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.556	168	114447	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	178537	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	163033	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	88416	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	80479	50.609	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 101.220%			
35) Dibromofluoromethane	5.391	113	63660	49.987	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.980%			
50) Toluene-d8	8.653	98	220161	49.717	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 99.440%			
62) 4-Bromofluorobenzene	11.079	95	90267	52.183	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 104.360%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	63290	47.948	ug/l	99
3) Chloromethane	1.294	50	52011	46.592	ug/l	96
4) Vinyl Chloride	1.374	62	57967	47.183	ug/l	100
5) Bromomethane	1.611	94	50915	51.859	ug/l	96
6) Chloroethane	1.685	64	41197	49.985	ug/l	96
7) Trichlorofluoromethane	1.886	101	113783	48.879	ug/l	99
8) Diethyl Ether	2.136	74	37273	49.410	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.331	101	59775	48.651	ug/l	100
10) Methyl Iodide	2.453	142	63927	46.902	ug/l	99
11) Tert butyl alcohol	2.977	59	52601	227.263	ug/l	99
12) 1,1-Dichloroethene	2.319	96	55682	48.514	ug/l	96
13) Acrolein	2.233	56	65167	282.033	ug/l	99
14) Allyl chloride	2.666	41	88986	48.637	ug/l	99
15) Acrylonitrile	3.062	53	147058	234.113	ug/l	100
16) Acetone	2.380	43	135406	234.279	ug/l	98
17) Carbon Disulfide	2.514	76	114792	41.990	ug/l	100
18) Methyl Acetate	2.703	43	98963	52.654	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	204770	50.761	ug/l	99
20) Methylene Chloride	2.788	84	63777	48.127	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	60648	48.545	ug/l	99
22) Diisopropyl ether	3.763	45	202480	51.165	ug/l	98
23) Vinyl Acetate	3.721	43	781436	244.407	ug/l	100
24) 1,1-Dichloroethane	3.611	63	114192	50.166	ug/l	100
25) 2-Butanone	4.556	43	209274	233.712	ug/l	99
26) 2,2-Dichloropropane	4.477	77	79964	44.192	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	72909	50.488	ug/l	100
28) Bromochloromethane	4.903	49	38707	47.739	ug/l	100
29) Tetrahydrofuran	5.007	42	133591	233.965	ug/l	99
30) Chloroform	5.092	83	128942	51.623	ug/l	99
31) Cyclohexane	5.470	56	92093	47.764	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	115977	51.743	ug/l	100
36) 1,1-Dichloropropene	5.696	75	88313	49.798	ug/l	98
37) Ethyl Acetate	4.714	43	85420	46.273	ug/l	99
38) Carbon Tetrachloride	5.678	117	99260	50.463	ug/l	97
39) Methylcyclohexane	7.385	83	98135	46.770	ug/l	97
40) Benzene	6.037	78	253026	50.418	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110422\
 Data File : VX032591.D
 Acq On : 04 Nov 2022 22:58
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Nov 05 06:20:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 08:28:06 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :John Carlone 11/07/2022
 Supervised By :Mahesh Dadoda 11/07/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	47599	50.617	ug/l	98
42) 1,2-Dichloroethane	6.092	62	108459	52.869	ug/l	99
43) Isopropyl Acetate	6.342	43	143768	50.724	ug/l	99
44) Trichloroethene	7.123	130	71219	50.411	ug/l	98
45) 1,2-Dichloropropane	7.434	63	65809	51.084	ug/l	96
46) Dibromomethane	7.580	93	49384	49.985	ug/l	100
47) Bromodichloromethane	7.824	83	97189	51.903	ug/l	98
48) Methyl methacrylate	7.696	41	73686	50.338	ug/l	99
49) 1,4-Dioxane	7.683	88	25418	911.139	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	448428	251.180	ug/l	99
52) Toluene	8.720	92	167773	51.240	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	99200	51.923	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	105789	51.770	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	69991	50.758	ug/l	99
56) Ethyl methacrylate	9.116	69	105686	53.260	ug/l	98
57) 1,3-Dichloropropane	9.311	76	114276	51.318	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	245992	257.451	ug/l	100
59) 2-Hexanone	9.433	43	329966	249.087	ug/l	100
60) Dibromochloromethane	9.525	129	77094	51.187	ug/l	99
61) 1,2-Dibromoethane	9.610	107	75390	51.599	ug/l	99
64) Tetrachloroethene	9.275	164	60494	50.695	ug/l	96
65) Chlorobenzene	10.079	112	187701	51.397	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	71203	51.804	ug/l	100
67) Ethyl Benzene	10.195	91	337039	51.609	ug/l	99
68) m/p-Xylenes	10.299	106	260551	102.745	ug/l	100
69) o-Xylene	10.640	106	129958	52.709	ug/l	98
70) Styrene	10.659	104	218481	53.319	ug/l	100
71) Bromoform	10.799	173	55108	50.710	ug/l #	99
73) Isopropylbenzene	10.963	105	347472	49.595	ug/l	99
74) N-amyl acetate	10.841	43	133491	50.426	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.213	83	109157	48.538	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	97359m	49.495	ug/l	
77) Bromobenzene	11.201	156	85891	50.005	ug/l	99
78) n-propylbenzene	11.305	91	400456	49.610	ug/l	100
79) 2-Chlorotoluene	11.366	91	241325	49.920	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	303284	50.649	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	28171	45.571	ug/l	97
82) 4-Chlorotoluene	11.457	91	286693	50.682	ug/l	100
83) tert-Butylbenzene	11.713	119	301015	50.352	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	303802	51.011	ug/l	100
85) sec-Butylbenzene	11.890	105	357315	49.673	ug/l	100
86) p-Isopropyltoluene	12.012	119	307287	50.343	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	162071	50.021	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	166648	49.578	ug/l	99
89) n-Butylbenzene	12.335	91	258737	48.725	ug/l	99
90) Hexachloroethane	12.542	117	48460	48.606	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	162455	50.850	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	23437	47.531	ug/l	98
93) 1,2,4-Trichlorobenzene	13.591	180	100703	48.342	ug/l	97
94) Hexachlorobutadiene	13.725	225	40017	45.997	ug/l	99
95) Naphthalene	13.774	128	339115	48.856	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	101793	48.072	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110422\
 Data File : VX032591.D
 Acq On : 04 Nov 2022 22:58
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
ClientSampleId :
 VSTDCCC050

Manual Integrations
APPROVED

Reviewed By : John Carlone 11/07/2022
 Supervised By : Mahesh Dadoda 11/07/2022

Quant Time: Nov 05 06:20:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 08:28:06 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110422\
 Data File : VX032591.D
 Acq On : 04 Nov 2022 22:58
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Nov 05 06:20:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 08:28:06 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 11/07/2022
 Supervised By : Mahesh Dadoda 11/07/2022

