

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091522\
 Data File : VX031378.D
 Acq On : 16 Sep 2022 01:32
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/16/2022
 Supervised By : Mahesh Dadoda 09/16/2022

Quant Time: Sep 16 05:01:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091422W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 15 01:50:07 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	56872	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	89580	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	102048	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	84542	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	60100	43.053	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	86.100%		
35) Dibromofluoromethane	5.391	113	50811	52.768	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	105.540%		
50) Toluene-d8	8.653	98	190466	52.731	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	105.460%		
62) 4-Bromofluorobenzene	11.079	95	69048	52.202	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	104.400%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	26546	43.229	ug/l	97
3) Chloromethane	1.288	50	41232	48.946	ug/l	99
4) Vinyl Chloride	1.373	62	49006	49.318	ug/l	99
5) Bromomethane	1.611	94	69159	92.809	ug/l	97
6) Chloroethane	1.684	64	65772	83.389	ug/l	93
7) Trichlorofluoromethane	1.886	101	127542	70.020	ug/l	99
8) Diethyl Ether	2.136	74	44898	62.319	ug/l	82
9) 1,1,2-Trichlorotrifluo...	2.331	101	41225	47.861	ug/l	93
10) Methyl Iodide	2.453	142	49392	53.674	ug/l	100
11) Tert butyl alcohol	3.007	59	64876	218.214	ug/l #	82
12) 1,1-Dichloroethene	2.318	96	38640	48.663	ug/l	93
13) Acrolein	2.239	56	28961	179.783	ug/l	98
14) Allyl chloride	2.666	41	63002	35.917	ug/l	96
15) Acrylonitrile	3.068	53	137094	212.931	ug/l	99
16) Acetone	2.392	43	119080m	199.821	ug/l	
17) Carbon Disulfide	2.514	76	87507	46.125	ug/l	100
18) Methyl Acetate	2.709	43	71738	40.595	ug/l	96
19) Methyl tert-butyl Ether	3.117	73	155625	42.323	ug/l	98
20) Methylene Chloride	2.788	84	46439	49.674	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	43538	48.753	ug/l	98
22) Diisopropyl ether	3.763	45	154950	42.214	ug/l	95
23) Vinyl Acetate	3.727	43	668574	219.167	ug/l	99
24) 1,1-Dichloroethane	3.611	63	82718	42.940	ug/l	97
25) 2-Butanone	4.562	43	196192	199.592	ug/l	96
26) 2,2-Dichloropropane	4.477	77	55849	30.558	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	52899	45.229	ug/l	91
28) Bromochloromethane	4.903	49	37530	41.797	ug/l	93
29) Tetrahydrofuran	5.013	42	126025	206.982	ug/l	96
30) Chloroform	5.092	83	94770	46.458	ug/l	94
31) Cyclohexane	5.470	56	69859	46.581	ug/l	96
32) 1,1,1-Trichloroethane	5.385	97	83819	45.857	ug/l	99
36) 1,1-Dichloropropene	5.696	75	64085	48.624	ug/l	98
37) Ethyl Acetate	4.720	43	76304	44.055	ug/l	100
38) Carbon Tetrachloride	5.684	117	72590	50.668	ug/l	99
39) Methylcyclohexane	7.385	83	72193	49.738	ug/l	94
40) Benzene	6.043	78	192792	50.940	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091522\
 Data File : VX031378.D
 Acq On : 16 Sep 2022 01:32
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Sep 16 05:01:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091422W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 15 01:50:07 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/16/2022
 Supervised By : Mahesh Dadoda 09/16/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	41511	44.242	ug/l	99
42) 1,2-Dichloroethane	6.092	62	74611	48.874	ug/l	99
43) Isopropyl Acetate	6.342	43	128613	43.503	ug/l	100
44) Trichloroethene	7.129	130	52768	54.684	ug/l	91
45) 1,2-Dichloropropane	7.433	63	48679	46.982	ug/l	93
46) Dibromomethane	7.586	93	37156	50.566	ug/l	93
47) Bromodichloromethane	7.824	83	73688	48.215	ug/l	99
48) Methyl methacrylate	7.695	41	57557	42.766	ug/l	94
49) 1,4-Dioxane	7.689	88	26861	995.211	ug/l	95
51) 4-Methyl-2-Pentanone	8.579	43	424595	236.276	ug/l	100
52) Toluene	8.720	92	129263	53.992	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	77452	45.033	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	80197	45.374	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	55225	52.254	ug/l	97
56) Ethyl methacrylate	9.116	69	83374	48.732	ug/l	96
57) 1,3-Dichloropropane	9.311	76	90015	49.568	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	187243	234.894	ug/l	97
59) 2-Hexanone	9.433	43	327209	238.569	ug/l	99
60) Dibromochloromethane	9.524	129	59183	51.943	ug/l	100
61) 1,2-Dibromoethane	9.610	107	59366	54.743	ug/l	100
64) Tetrachloroethene	9.274	164	51256	54.935	ug/l	97
65) Chlorobenzene	10.079	112	142604	52.763	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	54524	51.202	ug/l	98
67) Ethyl Benzene	10.195	91	255379	52.167	ug/l	99
68) m/p-Xylenes	10.305	106	204450	109.989	ug/l	99
69) o-Xylene	10.646	106	99971	52.951	ug/l	99
70) Styrene	10.658	104	169033	55.058	ug/l	98
71) Bromoform	10.799	173	44277	52.230	ug/l #	100
73) Isopropylbenzene	10.963	105	265063	42.448	ug/l	99
74) N-amyl acetate	10.841	43	115433	37.185	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	89441	39.857	ug/l	100
76) 1,2,3-Trichloropropane	11.244	75	80523m	37.796	ug/l	
77) Bromobenzene	11.201	156	63152	44.355	ug/l	97
78) n-propylbenzene	11.305	91	309781	42.272	ug/l	100
79) 2-Chlorotoluene	11.366	91	184747	41.202	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	243677	46.578	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	25686	33.361	ug/l	95
82) 4-Chlorotoluene	11.457	91	236568	46.029	ug/l	100
83) tert-Butylbenzene	11.719	119	231316	44.193	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	242956	46.725	ug/l	100
85) sec-Butylbenzene	11.890	105	297848	45.444	ug/l	99
86) p-Isopropyltoluene	12.012	119	254672	47.684	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	128586	47.370	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	141791	50.823	ug/l	98
89) n-Butylbenzene	12.335	91	217742	45.975	ug/l	97
90) Hexachloroethane	12.542	117	43286	40.584	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	132043	47.778	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	19736	37.881	ug/l	91
93) 1,2,4-Trichlorobenzene	13.591	180	70102	46.844	ug/l	98
94) Hexachlorobutadiene	13.725	225	25203	43.144	ug/l	98
95) Naphthalene	13.780	128	268100	44.095	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	71085	44.357	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091522\
 Data File : VX031378.D
 Acq On : 16 Sep 2022 01:32
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
APPROVED

Reviewed By : John Carlone 09/16/2022
 Supervised By : Mahesh Dadoda 09/16/2022

Quant Time: Sep 16 05:01:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091422W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 15 01:50:07 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\VX091522\
 Data File : VX031378.D
 Acq On : 16 Sep 2022 01:32
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Sep 16 05:01:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091422W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 15 01:50:07 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 09/16/2022
 Supervised By : Mahesh Dadoda 09/16/2022

