

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020822\
 Data File : VX026839.D
 Acq On : 08 Feb 2022 22:10
 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 02/09/2022
 Supervised By : Mahesh Dadoda 02/09/2022

Quant Time: Feb 09 03:08:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 08 07:07:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	103783	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	172470	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	145748	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	65279	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	68052	54.625	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 109.240%			
35) Dibromofluoromethane	5.391	113	54719	53.252	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.500%			
50) Toluene-d8	8.653	98	198894	52.732	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 105.460%			
62) 4-Bromofluorobenzene	11.079	95	70232	52.888	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 105.780%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.172	85	58687	52.005	ug/l	99
3) Chloromethane	1.294	50	53172	50.649	ug/l	99
4) Vinyl Chloride	1.379	62	57509	52.330	ug/l	99
5) Bromomethane	1.617	94	23357	50.087	ug/l	98
6) Chloroethane	1.690	64	32133	54.283	ug/l	99
7) Trichlorofluoromethane	1.892	101	84384	52.178	ug/l	98
8) Diethyl Ether	2.135	74	31394	52.404	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.337	101	55466	52.324	ug/l	98
10) Methyl Iodide	2.459	142	69344	47.291	ug/l	97
11) Tert butyl alcohol	2.983	59	56495m	251.022	ug/l	
12) 1,1-Dichloroethene	2.324	96	54604	51.410	ug/l	91
13) Acrolein	2.239	56	57173	274.890	ug/l	99
14) Allyl chloride	2.666	41	98829	52.530	ug/l	98
15) Acrylonitrile	3.068	53	162852	252.508	ug/l	99
16) Acetone	2.385	43	132859	242.812	ug/l	98
17) Carbon Disulfide	2.520	76	150585	50.082	ug/l	99
18) Methyl Acetate	2.709	43	77250	49.069	ug/l	100
19) Methyl tert-butyl Ether	3.117	73	192597	51.229	ug/l	100
20) Methylene Chloride	2.794	84	59049	49.805	ug/l	95
21) trans-1,2-Dichloroethene	3.099	96	58904	52.702	ug/l	95
22) Diisopropyl ether	3.763	45	197333	52.097	ug/l	95
23) Vinyl Acetate	3.727	43	855074	268.497	ug/l	98
24) 1,1-Dichloroethane	3.617	63	107316	52.359	ug/l	100
25) 2-Butanone	4.562	43	223353	253.356	ug/l	99
26) 2,2-Dichloropropane	4.483	77	78603	56.759	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	68607	53.463	ug/l	95
28) Bromochloromethane	4.903	49	44576	52.465	ug/l	96
29) Tetrahydrofuran	5.013	42	151771	253.235	ug/l	99
30) Chloroform	5.098	83	109418	51.381	ug/l	99
31) Cyclohexane	5.476	56	102471	51.766	ug/l	97
32) 1,1,1-Trichloroethane	5.391	97	98009	52.201	ug/l	99
36) 1,1-Dichloropropene	5.702	75	84085	51.872	ug/l	99
37) Ethyl Acetate	4.720	43	91623	49.735	ug/l	99
38) Carbon Tetrachloride	5.684	117	86286	50.760	ug/l	96
39) Methylcyclohexane	7.385	83	103195	51.911	ug/l	97
40) Benzene	6.043	78	239416	50.677	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020822\
 Data File : VX026839.D
 Acq On : 08 Feb 2022 22:10
 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 02/09/2022
 Supervised By : Mahesh Dadoda 02/09/2022

Quant Time: Feb 09 03:08:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 08 07:07:46 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	51398	51.477	ug/l	97
42) 1,2-Dichloroethane	6.092	62	87241	52.404	ug/l	99
43) Isopropyl Acetate	6.342	43	146822	51.799	ug/l	98
44) Trichloroethene	7.128	130	70337	49.584	ug/l	98
45) 1,2-Dichloropropane	7.433	63	61261	51.250	ug/l	98
46) Dibromomethane	7.586	93	41892	50.649	ug/l	96
47) Bromodichloromethane	7.823	83	83004	52.404	ug/l	99
48) Methyl methacrylate	7.695	41	71722	51.068	ug/l	97
49) 1,4-Dioxane	7.683	88	24913	1029.400	ug/l	98
51) 4-Methyl-2-Pentanone	8.579	43	434792	253.132	ug/l	98
52) Toluene	8.720	92	146469	48.968	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	85074	49.626	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	95370	54.528	ug/l	98
55) 1,1,2-Trichloroethane	9.152	97	57893	51.125	ug/l	99
56) Ethyl methacrylate	9.116	69	92901	51.756	ug/l	97
57) 1,3-Dichloropropane	9.311	76	99930	51.391	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	227644	247.087	ug/l	98
59) 2-Hexanone	9.433	43	319043	253.944	ug/l	98
60) Dibromochloromethane	9.524	129	61237	52.558	ug/l	99
61) 1,2-Dibromoethane	9.610	107	61630	51.512	ug/l	100
64) Tetrachloroethene	9.274	164	72945	49.832	ug/l	97
65) Chlorobenzene	10.079	112	151384	50.223	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	57196	51.583	ug/l	99
67) Ethyl Benzene	10.195	91	276874	51.899	ug/l	99
68) m/p-Xylenes	10.305	106	209065	101.856	ug/l	98
69) o-Xylene	10.646	106	101002	50.219	ug/l	99
70) Styrene	10.658	104	169075	51.833	ug/l	98
71) Bromoform	10.805	173	40419	47.177	ug/l #	99
73) Isopropylbenzene	10.963	105	266645	51.858	ug/l	99
74) N-amyl acetate	10.847	43	108818	52.966	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	71579	51.297	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	73184m	51.214	ug/l	
77) Bromobenzene	11.201	156	62635	51.246	ug/l	97
78) n-propylbenzene	11.305	91	301933	52.968	ug/l	100
79) 2-Chlorotoluene	11.366	91	180781	51.328	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	219893	51.961	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	22818	49.932	ug/l	93
82) 4-Chlorotoluene	11.457	91	206147	52.174	ug/l	98
83) tert-Butylbenzene	11.713	119	207206	51.372	ug/l	98
84) 1,2,4-Trimethylbenzene	11.756	105	219208	51.354	ug/l	98
85) sec-Butylbenzene	11.890	105	267236	52.269	ug/l	100
86) p-Isopropyltoluene	12.012	119	227226	52.461	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	115267	51.467	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	114670	50.770	ug/l	99
89) n-Butylbenzene	12.335	91	188152	53.093	ug/l	99
90) Hexachloroethane	12.542	117	34521	55.144	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	111100	51.412	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	18135	52.849	ug/l	92
93) 1,2,4-Trichlorobenzene	13.591	180	70583	51.754	ug/l	98
94) Hexachlorobutadiene	13.725	225	29070	50.393	ug/l	99
95) Naphthalene	13.780	128	255538	53.492	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	71846	52.026	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020822\
Data File : VX026839.D
Acq On : 08 Feb 2022 22:10
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 02/09/2022
Supervised By :Mahesh Dadoda 02/09/2022

Quant Time: Feb 09 03:08:37 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020822W.M
Quant Title : SW846 8260
QLast Update : Tue Feb 08 07:07:46 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\VX020822\
 Data File : VX026839.D
 Acq On : 08 Feb 2022 22:10
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Feb 09 03:08:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 08 07:07:46 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 02/09/2022
 Supervised By : Mahesh Dadoda 02/09/2022

