

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101922\
 Data File : VX032250.D
 Acq On : 20 Oct 2022 08:23
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/20/2022
 Supervised By : Mahesh Dadoda 10/20/2022

Quant Time: Oct 20 13:15:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101922W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 19 16:51:09 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	142587	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	229155	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	208619	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	108708	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	101437	54.686	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 109.380%			
35) Dibromofluoromethane	5.385	113	78598	49.290	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.580%			
50) Toluene-d8	8.647	98	285443	49.728	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 99.460%			
62) 4-Bromofluorobenzene	11.079	95	111104	52.858	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 105.720%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.167	85	68570	52.565	ug/l	100
3) Chloromethane	1.295	50	64264	50.909	ug/l	96
4) Vinyl Chloride	1.374	62	70594	50.247	ug/l	97
5) Bromomethane	1.618	94	57449	39.055	ug/l	97
6) Chloroethane	1.691	64	59804	48.315	ug/l	98
7) Trichlorofluoromethane	1.886	101	139081	55.686	ug/l	99
8) Diethyl Ether	2.130	74	46371	54.634	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.331	101	71335	52.682	ug/l	98
10) Methyl Iodide	2.453	142	89643	45.812	ug/l	96
11) Tert butyl alcohol	2.995	59	69982m	269.716	ug/l	
12) 1,1-Dichloroethene	2.319	96	66512	52.261	ug/l	94
13) Acrolein	2.240	56	58822	260.500	ug/l	100
14) Allyl chloride	2.666	41	107032	53.546	ug/l	96
15) Acrylonitrile	3.063	53	167258	240.424	ug/l	99
16) Acetone	2.392	43	148818	247.224	ug/l	98
17) Carbon Disulfide	2.514	76	151197	50.745	ug/l	100
18) Methyl Acetate	2.703	43	103917	50.849	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	244581	55.769	ug/l	99
20) Methylene Chloride	2.788	84	75826	49.058	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	73481	53.010	ug/l	93
22) Diisopropyl ether	3.758	45	241354	55.139	ug/l	99
23) Vinyl Acetate	3.721	43	956633	273.440	ug/l	100
24) 1,1-Dichloroethane	3.611	63	137200	54.249	ug/l	99
25) 2-Butanone	4.562	43	231132	245.932	ug/l	97
26) 2,2-Dichloropropane	4.477	77	90572	49.706	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	87965	54.199	ug/l	99
28) Bromochloromethane	4.898	49	52014	49.849	ug/l	99
29) Tetrahydrofuran	5.007	42	146691	241.665	ug/l	99
30) Chloroform	5.093	83	151688	55.105	ug/l	98
31) Cyclohexane	5.471	56	118281	55.779	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	138257	58.897	ug/l	99
36) 1,1-Dichloropropene	5.696	75	107045	52.186	ug/l	99
37) Ethyl Acetate	4.715	43	98489	49.039	ug/l	99
38) Carbon Tetrachloride	5.678	117	120856	55.812	ug/l	99
39) Methylcyclohexane	7.379	83	126719	51.713	ug/l	95
40) Benzene	6.038	78	308081	51.821	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101922\
 Data File : VX032250.D
 Acq On : 20 Oct 2022 08:23
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/20/2022
 Supervised By : Mahesh Dadoda 10/20/2022

Quant Time: Oct 20 13:15:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101922W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 19 16:51:09 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	55328	52.244	ug/l	98
42) 1,2-Dichloroethane	6.086	62	128102	56.254	ug/l	98
43) Isopropyl Acetate	6.342	43	164979	52.338	ug/l	100
44) Trichloroethene	7.129	130	84737	51.759	ug/l	100
45) 1,2-Dichloropropane	7.434	63	79193	52.804	ug/l	97
46) Dibromomethane	7.580	93	59497	53.189	ug/l	97
47) Bromodichloromethane	7.824	83	115755	56.019	ug/l	97
48) Methyl methacrylate	7.690	41	84210	53.567	ug/l	97
49) 1,4-Dioxane	7.708	88	29793	944.316	ug/l	97
51) 4-Methyl-2-Pentanone	8.574	43	493915	249.962	ug/l	100
52) Toluene	8.720	92	200584	52.083	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	116583	50.066	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	123853	53.792	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	82758	52.898	ug/l	98
56) Ethyl methacrylate	9.116	69	123316	54.729	ug/l	98
57) 1,3-Dichloropropane	9.311	76	134311	53.001	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.245	63	248841	240.944	ug/l	100
59) 2-Hexanone	9.433	43	362074	245.576	ug/l	100
60) Dibromochloromethane	9.525	129	87809	54.763	ug/l	99
61) 1,2-Dibromoethane	9.610	107	87282	52.627	ug/l	99
64) Tetrachloroethene	9.275	164	69157	50.201	ug/l	99
65) Chlorobenzene	10.080	112	216860	50.701	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	83910	54.826	ug/l	100
67) Ethyl Benzene	10.195	91	400883	52.938	ug/l	97
68) m/p-Xylenes	10.299	106	309747	103.574	ug/l	97
69) o-Xylene	10.640	106	152554	53.248	ug/l	98
70) Styrene	10.653	104	257066	53.209	ug/l	99
71) Bromoform	10.799	173	60429	46.687	ug/l #	99
73) Isopropylbenzene	10.964	105	407842	52.579	ug/l	99
74) N-amyl acetate	10.842	43	154619	53.956	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.214	83	123436	49.498	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	110884m	51.479	ug/l	
77) Bromobenzene	11.195	156	98140	51.617	ug/l	98
78) n-propylbenzene	11.305	91	473859	53.351	ug/l	99
79) 2-Chlorotoluene	11.366	91	283727	53.003	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	355461	53.054	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	30951	45.420	ug/l	98
82) 4-Chlorotoluene	11.457	91	335571	53.844	ug/l	99
83) tert-Butylbenzene	11.713	119	353669	52.758	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	350614	53.825	ug/l	99
85) sec-Butylbenzene	11.890	105	428366	52.876	ug/l	99
86) p-Isopropyltoluene	12.012	119	368437	53.449	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	187559	51.253	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	191059	50.825	ug/l	99
89) n-Butylbenzene	12.335	91	313820	51.687	ug/l	100
90) Hexachloroethane	12.536	117	57738	53.978	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	185931	51.755	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	25653	51.075	ug/l	94
93) 1,2,4-Trichlorobenzene	13.591	180	116395	49.768	ug/l	98
94) Hexachlorobutadiene	13.725	225	46357	45.670	ug/l	98
95) Naphthalene	13.774	128	381279	50.902	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	116656	49.592	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101922\
Data File : VX032250.D
Acq On : 20 Oct 2022 08:23
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 57 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022

Quant Time: Oct 20 13:15:01 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101922W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 19 16:51:09 2022
Response via : Initial Calibration

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

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

