

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052322\
 Data File : VX028887.D
 Acq On : 23 May 2022 12:17
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/08/2022
 Supervised By : Mahesh Dadoda 06/08/2022

Quant Time: Jun 08 09:44:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 12 14:58:53 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	281777	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	455870	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	409294	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	216258	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	204530	52.953	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 105.900%			
35) Dibromofluoromethane	5.385	113	164602	55.110	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 110.220%			
50) Toluene-d8	8.653	98	583609	51.827	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 103.660%			
62) 4-Bromofluorobenzene	11.079	95	236256	56.172	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 112.340%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	179295	48.595	ug/l	99
3) Chloromethane	1.288	50	150321	43.261	ug/l	99
4) Vinyl Chloride	1.374	62	168240	44.929	ug/l	100
5) Bromomethane	1.605	94	124420	46.613	ug/l	98
6) Chloroethane	1.685	64	108826	45.958	ug/l	100
7) Trichlorofluoromethane	1.886	101	274154	45.922	ug/l	98
8) Diethyl Ether	2.136	74	97848	44.980	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.331	101	154997	49.337	ug/l	98
10) Methyl Iodide	2.453	142	182611	48.551	ug/l	93
11) Tert butyl alcohol	2.971	59	204617	249.609	ug/l	99
12) 1,1-Dichloroethene	2.319	96	139989	48.003	ug/l	97
13) Acrolein	2.239	56	57177	90.187	ug/l	98
14) Allyl chloride	2.666	41	233138	49.845	ug/l	92
15) Acrylonitrile	3.062	53	446723	240.048	ug/l	99
16) Acetone	2.380	43	452713	273.098	ug/l	92
17) Carbon Disulfide	2.514	76	332738	44.015	ug/l	100
18) Methyl Acetate	2.703	43	206800	49.809	ug/l	96
19) Methyl tert-butyl Ether	3.117	73	544294	52.595	ug/l	98
20) Methylene Chloride	2.788	84	161906	46.554	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	155498	47.338	ug/l	99
22) Diisopropyl ether	3.757	45	492789	49.302	ug/l #	81
23) Vinyl Acetate	3.721	43	2159603	250.628	ug/l	97
24) 1,1-Dichloroethane	3.611	63	291372	50.143	ug/l	100
25) 2-Butanone	4.556	43	645445	248.053	ug/l	97
26) 2,2-Dichloropropane	4.477	77	259146	56.879	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	188213	49.058	ug/l	99
28) Bromochloromethane	4.897	49	117516	48.046	ug/l	98
29) Tetrahydrofuran	5.007	42	392653	232.152	ug/l	95
30) Chloroform	5.093	83	322487	51.279	ug/l	98
31) Cyclohexane	5.470	56	248029	46.262	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	290537	52.920	ug/l	99
36) 1,1-Dichloropropene	5.696	75	226670	50.527	ug/l	100
37) Ethyl Acetate	4.708	43	244931	52.272	ug/l	97
38) Carbon Tetrachloride	5.678	117	255692	56.635	ug/l	100
39) Methylcyclohexane	7.385	83	266698	51.839	ug/l	96
40) Benzene	6.037	78	648319	50.285	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	131200	52.222	ug/l	94
42) 1,2-Dichloroethane	6.086	62	256005	53.832	ug/l	98
43) Isopropyl Acetate	6.342	43	383388	52.300	ug/l	97
44) Trichloroethene	7.123	130	185748	53.121	ug/l	98
45) 1,2-Dichloropropane	7.434	63	165941	51.586	ug/l	98
46) Dibromomethane	7.580	93	123133	51.257	ug/l	95
47) Bromodichloromethane	7.824	83	250492	56.164	ug/l	98
48) Methyl methacrylate	7.696	41	191451	54.065	ug/l	89
49) 1,4-Dioxane	7.665	88	84005	949.587	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	1217070	252.059	ug/l	96
52) Toluene	8.720	92	429998	51.846	ug/l	97
53) t-1,3-Dichloropropene	8.976	75	267751	52.082	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	284066	56.605	ug/l #	91
55) 1,1,2-Trichloroethane	9.153	97	179797	53.164	ug/l	100
56) Ethyl methacrylate	9.116	69	283170	55.291	ug/l #	90
57) 1,3-Dichloropropane	9.311	76	297683	52.187	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	639884	255.200	ug/l	98
59) 2-Hexanone	9.433	43	956654	255.012	ug/l	93
60) Dibromochloromethane	9.525	129	192831	58.464	ug/l	97
61) 1,2-Dibromoethane	9.610	107	189115	53.241	ug/l	98
64) Tetrachloroethene	9.275	164	169400	54.807	ug/l	97
65) Chlorobenzene	10.079	112	465681	53.632	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	181638	59.054	ug/l	98
67) Ethyl Benzene	10.195	91	842006	54.102	ug/l	99
68) m/p-Xylenes	10.305	106	651114	107.459	ug/l	98
69) o-Xylene	10.640	106	321933	53.965	ug/l	98
70) Styrene	10.659	104	538917	55.628	ug/l	97
71) Bromoform	10.799	173	140783	55.039	ug/l #	100
73) Isopropylbenzene	10.963	105	853318	52.032	ug/l	99
74) N-amyl acetate	10.841	43	330943	51.335	ug/l	93
75) 1,1,2,2-Tetrachloroethane	11.213	83	285798	50.798	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	265892m	52.501	ug/l	
77) Bromobenzene	11.201	156	203998	52.571	ug/l	97
78) n-propylbenzene	11.305	91	992402	52.314	ug/l	100
79) 2-Chlorotoluene	11.366	91	605831	52.106	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	738809	54.065	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	86286	50.762	ug/l	87
82) 4-Chlorotoluene	11.457	91	705976	52.522	ug/l	98
83) tert-Butylbenzene	11.719	119	730729	55.229	ug/l	94
84) 1,2,4-Trimethylbenzene	11.750	105	735397	53.666	ug/l	99
85) sec-Butylbenzene	11.890	105	893228	54.731	ug/l	100
86) p-Isopropyltoluene	12.012	119	767996	56.080	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	400562	52.628	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	401334	50.836	ug/l	97
89) n-Butylbenzene	12.335	91	662950	55.871	ug/l	99
90) Hexachloroethane	12.542	117	128634	58.084	ug/l	92
91) 1,2-Dichlorobenzene	12.335	146	400999	53.631	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	71424	59.454	ug/l	91
93) 1,2,4-Trichlorobenzene	13.591	180	255383	59.138	ug/l	98
94) Hexachlorobutadiene	13.725	225	107983	61.550	ug/l	96
95) Naphthalene	13.774	128	895355	58.264	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	252579	58.234	ug/l	96

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

