

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050522\
 Data File : VX028529.D
 Acq On : 05 May 2022 12:19
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/06/2022
 Supervised By : Mahesh Dadoda 05/06/2022

Quant Time: May 06 03:37:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041922W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 19 13:38:04 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	333782	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	510058	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	488054	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	266936	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	196631	45.180	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	90.360%		
35) Dibromofluoromethane	5.385	113	181917	50.857	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	101.720%		
50) Toluene-d8	8.653	98	637665	46.414	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	92.820%		
62) 4-Bromofluorobenzene	11.079	95	258410	49.192	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	98.380%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	134293	62.327	ug/l	100
3) Chloromethane	1.288	50	120087	55.552	ug/l	98
4) Vinyl Chloride	1.374	62	146497	43.536	ug/l	99
5) Bromomethane	1.599	94	153235	51.330	ug/l	100
6) Chloroethane	1.672	64	108329	44.613	ug/l	97
7) Trichlorofluoromethane	1.880	101	281923	37.994	ug/l	98
8) Diethyl Ether	2.130	74	112231	50.365	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.325	101	159742	59.099	ug/l	97
10) Methyl Iodide	2.447	142	199058	53.447	ug/l	98
11) Tert butyl alcohol	2.977	59	213543	256.468	ug/l	98
12) 1,1-Dichloroethene	2.319	96	140529	54.783	ug/l	92
13) Acrolein	2.233	56	113314	212.446	ug/l	99
14) Allyl chloride	2.660	41	206774	48.039	ug/l	95
15) Acrylonitrile	3.062	53	468423	264.113	ug/l	99
16) Acetone	2.380	43	382890	288.257	ug/l	96
17) Carbon Disulfide	2.508	76	284409	41.171	ug/l	100
18) Methyl Acetate	2.703	43	204905	52.953	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	559511	52.306	ug/l	99
20) Methylene Chloride	2.788	84	172248	53.341	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	159598	45.749	ug/l	92
22) Diisopropyl ether	3.757	45	482988	49.266	ug/l #	81
23) Vinyl Acetate	3.721	43	2112740	246.673	ug/l	100
24) 1,1-Dichloroethane	3.611	63	286698	49.527	ug/l	99
25) 2-Butanone	4.556	43	632250	245.296	ug/l	99
26) 2,2-Dichloropropane	4.477	77	245618	43.458	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	202948	48.789	ug/l	92
28) Bromochloromethane	4.897	49	107193	43.161	ug/l	88
29) Tetrahydrofuran	5.007	42	394966	235.012	ug/l	98
30) Chloroform	5.099	83	332060	47.766	ug/l	97
31) Cyclohexane	5.471	56	217824	41.081	ug/l	95
32) 1,1,1-Trichloroethane	5.385	97	287851	45.726	ug/l	98
36) 1,1-Dichloropropene	5.696	75	217036	46.516	ug/l	97
37) Ethyl Acetate	4.715	43	240600	50.820	ug/l	100
38) Carbon Tetrachloride	5.678	117	252557	47.949	ug/l	98
39) Methylcyclohexane	7.385	83	250878	42.614	ug/l	96
40) Benzene	6.037	78	670923	49.123	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	125906	51.545	ug/l	98
42) 1,2-Dichloroethane	6.086	62	244339	48.194	ug/l	99
43) Isopropyl Acetate	6.342	43	390335	50.658	ug/l	99
44) Trichloroethene	7.123	130	198945	50.230	ug/l	99
45) 1,2-Dichloropropane	7.434	63	171501	51.300	ug/l	98
46) Dibromomethane	7.580	93	135328	51.603	ug/l	98
47) Bromodichloromethane	7.824	83	259583	51.501	ug/l	99
48) Methyl methacrylate	7.696	41	181409	51.281	ug/l	94
49) 1,4-Dioxane	7.659	88	96182	1016.327	ug/l	93
51) 4-Methyl-2-Pentanone	8.574	43	1303236	263.571	ug/l	98
52) Toluene	8.720	92	456012	48.058	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	276094	51.541	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	293818	51.078	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	206918	53.671	ug/l	97
56) Ethyl methacrylate	9.116	69	307549	55.032	ug/l #	93
57) 1,3-Dichloropropane	9.311	76	324480	52.145	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	683485	260.663	ug/l	94
59) 2-Hexanone	9.433	43	1016214	265.321	ug/l	96
60) Dibromochloromethane	9.525	129	227030	54.017	ug/l	97
61) 1,2-Dibromoethane	9.610	107	218087	51.563	ug/l	97
64) Tetrachloroethene	9.275	164	196287	51.489	ug/l	98
65) Chlorobenzene	10.079	112	533984	51.316	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	210609	54.333	ug/l	98
67) Ethyl Benzene	10.195	91	901516	51.667	ug/l	97
68) m/p-Xylenes	10.305	106	729059	102.664	ug/l	95
69) o-Xylene	10.640	106	365643	51.643	ug/l	95
70) Styrene	10.659	104	620931	54.133	ug/l	99
71) Bromoform	10.799	173	176886	49.491	ug/l #	98
73) Isopropylbenzene	10.963	105	949504	51.751	ug/l	99
74) N-amyl acetate	10.841	43	364608	57.495	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	331278	55.641	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	296033m	56.350	ug/l	
77) Bromobenzene	11.201	156	256880	53.759	ug/l	89
78) n-propylbenzene	11.305	91	1082380	53.202	ug/l	97
79) 2-Chlorotoluene	11.366	91	655510	51.825	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	808105	51.887	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	96241	54.441	ug/l	92
82) 4-Chlorotoluene	11.457	91	759292	52.113	ug/l	95
83) tert-Butylbenzene	11.713	119	828452	52.093	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	810488	52.352	ug/l	98
85) sec-Butylbenzene	11.890	105	993624	51.787	ug/l	98
86) p-Isopropyltoluene	12.012	119	863970	52.196	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	481825	53.664	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	484552	51.399	ug/l	99
89) n-Butylbenzene	12.335	91	708202	52.106	ug/l	97
90) Hexachloroethane	12.542	117	146946	49.363	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	477782	53.567	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	70362	53.140	ug/l	90
93) 1,2,4-Trichlorobenzene	13.591	180	301427	56.820	ug/l	100
94) Hexachlorobutadiene	13.725	225	125387	52.969	ug/l	94
95) Naphthalene	13.774	128	1031470	58.367	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	302705	58.132	ug/l	97

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

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