

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031722\
 Data File : VX027515.D
 Acq On : 18 Mar 2022 02:51
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/18/2022
 Supervised By : Mahesh Dadoda 03/18/2022

Quant Time: Mar 18 03:42:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031722W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 17 15:02:59 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	306009	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	490174	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	440240	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	226980	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	176945	46.938	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	93.880%		
35) Dibromofluoromethane	5.391	113	151488	48.035	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	96.080%		
50) Toluene-d8	8.653	98	554561	46.469	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	92.940%		
62) 4-Bromofluorobenzene	11.085	95	205314	46.807	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	93.620%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.167	85	164213	55.907	ug/l	100
3) Chloromethane	1.295	50	138133	52.976	ug/l	99
4) Vinyl Chloride	1.374	62	170326	56.536	ug/l	98
5) Bromomethane	1.599	94	60296	37.786	ug/l	97
6) Chloroethane	1.679	64	99990	54.085	ug/l	97
7) Trichlorofluoromethane	1.880	101	263293	52.942	ug/l	98
8) Diethyl Ether	2.136	74	97914	52.855	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.325	101	165033	55.725	ug/l	95
10) Methyl Iodide	2.453	142	163252	41.643	ug/l	98
11) Tert butyl alcohol	2.971	59	195973	272.777	ug/l	99
12) 1,1-Dichloroethene	2.319	96	162998	57.364	ug/l	95
13) Acrolein	2.240	56	115266	206.752	ug/l	96
14) Allyl chloride	2.660	41	243869	54.845	ug/l	97
15) Acrylonitrile	3.069	53	477694	292.465	ug/l	99
16) Acetone	2.386	43	406453	264.520	ug/l	96
17) Carbon Disulfide	2.508	76	409466	56.632	ug/l	100
18) Methyl Acetate	2.709	43	210766	57.233	ug/l	97
19) Methyl tert-butyl Ether	3.117	73	538359	56.155	ug/l	99
20) Methylene Chloride	2.788	84	181424	54.916	ug/l	99
21) trans-1,2-Dichloroethene	3.093	96	170401	56.219	ug/l	98
22) Diisopropyl ether	3.770	45	495407	57.052	ug/l	98
23) Vinyl Acetate	3.727	43	2170953	287.487	ug/l	97
24) 1,1-Dichloroethane	3.611	63	297179	56.270	ug/l	99
25) 2-Butanone	4.562	43	657178	284.271	ug/l	99
26) 2,2-Dichloropropane	4.483	77	182701	42.363	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	199302	56.699	ug/l	95
28) Bromochloromethane	4.898	49	102070	47.911	ug/l	93
29) Tetrahydrofuran	5.013	42	432343	291.526	ug/l	93
30) Chloroform	5.099	83	325601	55.890	ug/l	99
31) Cyclohexane	5.477	56	261638	55.893	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	292600	55.164	ug/l	99
36) 1,1-Dichloropropene	5.696	75	234732	54.466	ug/l	99
37) Ethyl Acetate	4.721	43	252745	58.855	ug/l	99
38) Carbon Tetrachloride	5.678	117	265674	53.884	ug/l	98
39) Methylcyclohexane	7.385	83	286423	52.850	ug/l	98
40) Benzene	6.044	78	690554	55.851	ug/l	99

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41) Methacrylonitrile	4.922	41	136247	58.174	ug/l	94
42) 1,2-Dichloroethane	6.092	62	256243	55.298	ug/l	97
43) Isopropyl Acetate	6.349	43	385470	55.773	ug/l	97
44) Trichloroethene	7.129	130	198867	52.984	ug/l	99
45) 1,2-Dichloropropane	7.434	63	174019	55.257	ug/l	97
46) Dibromomethane	7.586	93	130506	54.248	ug/l	98
47) Bromodichloromethane	7.824	83	249391	55.055	ug/l	98
48) Methyl methacrylate	7.696	41	195382	57.122	ug/l	90
49) 1,4-Dioxane	7.659	88	94707	1078.036	ug/l	98
51) 4-Methyl-2-Pentanone	8.580	43	1271420	288.178	ug/l	95
52) Toluene	8.720	92	454505	54.855	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	248778	53.510	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	275389	54.426	ug/l	93
55) 1,1,2-Trichloroethane	9.153	97	186836	55.383	ug/l	99
56) Ethyl methacrylate	9.122	69	281118	55.695	ug/l #	90
57) 1,3-Dichloropropane	9.311	76	302537	55.239	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.245	63	674827	264.168	ug/l	99
59) 2-Hexanone	9.433	43	978141	287.857	ug/l	92
60) Dibromochloromethane	9.525	129	204421	55.046	ug/l	97
61) 1,2-Dibromoethane	9.610	107	201438	54.327	ug/l	99
64) Tetrachloroethene	9.275	164	182452	53.303	ug/l	98
65) Chlorobenzene	10.080	112	493159	54.456	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	187530	55.501	ug/l	98
67) Ethyl Benzene	10.195	91	870571	56.162	ug/l	97
68) m/p-Xylenes	10.305	106	676720	110.875	ug/l	100
69) o-Xylene	10.647	106	341226	57.580	ug/l	99
70) Styrene	10.659	104	563697	58.229	ug/l	99
71) Bromoform	10.805	173	153823	56.985	ug/l	100
73) Isopropylbenzene	10.964	105	876804	53.035	ug/l	100
74) N-amyl acetate	10.848	43	314046	53.571	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.214	83	281523	53.757	ug/l	100
76) 1,2,3-Trichloropropane	11.244	75	255072m	53.726	ug/l	
77) Bromobenzene	11.201	156	218859	52.519	ug/l	96
78) n-propylbenzene	11.305	91	975480	53.749	ug/l	97
79) 2-Chlorotoluene	11.366	91	593437	52.126	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	740298	53.203	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	77028	49.274	ug/l	92
82) 4-Chlorotoluene	11.457	91	675375	52.103	ug/l	98
83) tert-Butylbenzene	11.720	119	746744	54.173	ug/l	97
84) 1,2,4-Trimethylbenzene	11.756	105	760179	54.780	ug/l	100
85) sec-Butylbenzene	11.890	105	914567	54.904	ug/l	99
86) p-Isopropyltoluene	12.012	119	785543	54.903	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	413582	53.566	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	416609	53.326	ug/l	98
89) n-Butylbenzene	12.335	91	624047	52.264	ug/l	97
90) Hexachloroethane	12.543	117	118868	52.096	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	402950	53.449	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	66558	55.413	ug/l	94
93) 1,2,4-Trichlorobenzene	13.591	180	249906	51.718	ug/l	99
94) Hexachlorobutadiene	13.725	225	107209	50.226	ug/l	95
95) Naphthalene	13.780	128	869202	55.256	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	253709	51.905	ug/l	96

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

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