

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX063022\
 Data File : VX029902.D
 Acq On : 30 Jun 2022 11:00
 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 :Krupa Patel 07/01/2022
 Supervised By :Mahesh Dadoda 07/01/2022

Quant Time: Jul 01 04:46:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 05:54:51 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	238504	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	412034	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	367207	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	180381	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	131737	43.635	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	87.280%		
35) Dibromofluoromethane	5.385	113	117896	45.785	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	91.560%		
50) Toluene-d8	8.653	98	462877	47.917	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	95.840%		
62) 4-Bromofluorobenzene	11.079	95	167341	49.006	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	98.020%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	114616	49.279	ug/l	99
3) Chloromethane	1.288	50	117902	43.997	ug/l	98
4) Vinyl Chloride	1.373	62	127145	47.704	ug/l	100
5) Bromomethane	1.611	94	50971	34.710	ug/l	92
6) Chloroethane	1.684	64	67601	42.983	ug/l	95
7) Trichlorofluoromethane	1.886	101	165530	48.382	ug/l	99
8) Diethyl Ether	2.136	74	70359	45.878	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.325	101	113280	47.359	ug/l	99
10) Methyl Iodide	2.453	142	106556	33.168	ug/l	99
11) Tert butyl alcohol	2.995	59	162366	205.642	ug/l	99
12) 1,1-Dichloroethene	2.318	96	112894	45.962	ug/l	99
13) Acrolein	2.239	56	76506	205.945	ug/l	100
14) Allyl chloride	2.666	41	207498	45.774	ug/l	99
15) Acrylonitrile	3.068	53	404925	219.678	ug/l	99
16) Acetone	2.392	43	372557	252.236	ug/l	99
17) Carbon Disulfide	2.514	76	270376	44.269	ug/l	97
18) Methyl Acetate	2.709	43	190719	41.884	ug/l	100
19) Methyl tert-butyl Ether	3.117	73	376151	45.359	ug/l	96
20) Methylene Chloride	2.788	84	129837	41.623	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	120123	44.588	ug/l	98
22) Diisopropyl ether	3.763	45	409474	44.700	ug/l	92
23) Vinyl Acetate	3.721	43	1808478	228.266	ug/l	100
24) 1,1-Dichloroethane	3.611	63	217129	44.945	ug/l	100
25) 2-Butanone	4.562	43	579161	225.917	ug/l	99
26) 2,2-Dichloropropane	4.477	77	162190	51.152	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	148027	46.537	ug/l	98
28) Bromochloromethane	4.897	49	86460	44.653	ug/l	99
29) Tetrahydrofuran	5.007	42	367550	217.863	ug/l	100
30) Chloroform	5.098	83	217209	45.852	ug/l	98
31) Cyclohexane	5.476	56	198738	47.212	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	174692	46.310	ug/l	99
36) 1,1-Dichloropropene	5.696	75	160655	46.910	ug/l	99
37) Ethyl Acetate	4.720	43	208330	44.477	ug/l	99
38) Carbon Tetrachloride	5.678	117	143918	48.497	ug/l	97
39) Methylcyclohexane	7.385	83	200830	48.499	ug/l	99
40) Benzene	6.037	78	519190	46.883	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	113195	45.460	ug/l	98
42) 1,2-Dichloroethane	6.086	62	158568	46.655	ug/l	100
43) Isopropyl Acetate	6.342	43	323930	45.925	ug/l	99
44) Trichloroethene	7.129	130	135828	45.544	ug/l	97
45) 1,2-Dichloropropane	7.433	63	135990	46.485	ug/l	98
46) Dibromomethane	7.580	93	90352	47.212	ug/l	99
47) Bromodichloromethane	7.824	83	160902	46.906	ug/l	100
48) Methyl methacrylate	7.696	41	153650	45.945	ug/l	98
49) 1,4-Dioxane	7.689	88	70598	891.498	ug/l	100
51) 4-Methyl-2-Pentanone	8.573	43	1056152	227.078	ug/l	100
52) Toluene	8.720	92	320679	47.988	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	180638	49.416	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	203758	49.327	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	134402	46.164	ug/l	97
56) Ethyl methacrylate	9.116	69	219876	47.901	ug/l	98
57) 1,3-Dichloropropane	9.311	76	216824	46.292	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	484266	221.093	ug/l	99
59) 2-Hexanone	9.433	43	842072	233.296	ug/l	100
60) Dibromochloromethane	9.524	129	125094	48.631	ug/l	99
61) 1,2-Dibromoethane	9.610	107	137866	46.339	ug/l	98
64) Tetrachloroethene	9.275	164	109882	49.610	ug/l	97
65) Chlorobenzene	10.079	112	346195	46.966	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	117574	47.738	ug/l	99
67) Ethyl Benzene	10.195	91	612924	47.806	ug/l	99
68) m/p-Xylenes	10.305	106	474726	96.543	ug/l	100
69) o-Xylene	10.646	106	234103	47.002	ug/l	99
70) Styrene	10.658	104	397885	48.328	ug/l	99
71) Bromoform	10.799	173	85858	48.872	ug/l #	99
73) Isopropylbenzene	10.963	105	597042	45.743	ug/l	100
74) N-amyl acetate	10.841	43	289454	44.791	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	220060	42.826	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	194217m	44.978	ug/l	
77) Bromobenzene	11.201	156	141215	44.982	ug/l	98
78) n-propylbenzene	11.305	91	719249	46.723	ug/l	100
79) 2-Chlorotoluene	11.366	91	421663	46.072	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	494469	45.634	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	67895	49.934	ug/l	99
82) 4-Chlorotoluene	11.457	91	475249	45.579	ug/l	99
83) tert-Butylbenzene	11.719	119	483255	45.002	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	514121	47.365	ug/l	99
85) sec-Butylbenzene	11.890	105	625263	46.206	ug/l	100
86) p-Isopropyltoluene	12.012	119	512991	47.497	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	275934	45.779	ug/l	100
88) 1,4-Dichlorobenzene	12.042	146	285751	46.461	ug/l	97
89) n-Butylbenzene	12.335	91	489601	48.225	ug/l	100
90) Hexachloroethane	12.542	117	85931	48.773	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	275220	46.478	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	52080	48.502	ug/l	92
93) 1,2,4-Trichlorobenzene	13.591	180	166919	46.516	ug/l	98
94) Hexachlorobutadiene	13.725	225	58066	43.742	ug/l	98
95) Naphthalene	13.780	128	681035	46.745	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	166544	45.334	ug/l	100

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

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