

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061022\
 Data File : VX029370.D
 Acq On : 10 Jun 2022 15:49
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/13/2022
 Supervised By : Mahesh Dadoda 06/13/2022

Quant Time: Jun 11 00:53:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060722W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 08 03:00:38 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	206049	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	338226	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	352590	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	224821	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	137791	43.711	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	87.420%		
35) Dibromofluoromethane	5.385	113	119808	41.667	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	83.340%		
50) Toluene-d8	8.653	98	413944	40.705	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	81.400%		
62) 4-Bromofluorobenzene	11.085	95	173896	43.696	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	87.400%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	147073	44.964	ug/l	99
3) Chloromethane	1.288	50	144777	41.472	ug/l	100
4) Vinyl Chloride	1.374	62	159084	43.909	ug/l	99
5) Bromomethane	1.605	94	70811	36.490	ug/l	98
6) Chloroethane	1.678	64	101318	68.047	ug/l	100
7) Trichlorofluoromethane	1.886	101	242261	45.885	ug/l	96
8) Diethyl Ether	2.136	74	95146	46.235	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.325	101	147198	46.256	ug/l	98
10) Methyl Iodide	2.453	142	174798	44.647	ug/l	96
11) Tert butyl alcohol	2.977	59	178905	202.859	ug/l	99
12) 1,1-Dichloroethene	2.319	96	138467	44.703	ug/l	97
13) Acrolein	2.239	56	70728	185.876	ug/l	99
14) Allyl chloride	2.660	41	224138	45.079	ug/l	96
15) Acrylonitrile	3.068	53	437773	223.310	ug/l	100
16) Acetone	2.386	43	358513	215.082	ug/l	96
17) Carbon Disulfide	2.508	76	306258	40.169	ug/l	100
18) Methyl Acetate	2.703	43	193797	43.884	ug/l	97
19) Methyl tert-butyl Ether	3.117	73	501888	46.938	ug/l	100
20) Methylene Chloride	2.788	84	157670	42.357	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	154301	44.385	ug/l	97
22) Diisopropyl ether	3.763	45	473835	47.211	ug/l	95
23) Vinyl Acetate	3.721	43	2008619	241.405	ug/l	98
24) 1,1-Dichloroethane	3.611	63	272568	45.026	ug/l	100
25) 2-Butanone	4.562	43	600255	227.648	ug/l	98
26) 2,2-Dichloropropane	4.477	77	216427	50.148	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	183005	44.502	ug/l	96
28) Bromochloromethane	4.903	49	113452	47.674	ug/l	99
29) Tetrahydrofuran	5.007	42	395545	230.178	ug/l	94
30) Chloroform	5.099	83	302353	46.285	ug/l	98
31) Cyclohexane	5.470	56	253449	45.374	ug/l	96
32) 1,1,1-Trichloroethane	5.385	97	259955	46.189	ug/l	99
36) 1,1-Dichloropropene	5.696	75	217904	45.875	ug/l	99
37) Ethyl Acetate	4.715	43	231387	47.192	ug/l	99
38) Carbon Tetrachloride	5.684	117	222434	45.817	ug/l	97
39) Methylcyclohexane	7.385	83	274892	46.986	ug/l	95
40) Benzene	6.037	78	641129	45.340	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	127126	48.634	ug/l	92
42) 1,2-Dichloroethane	6.092	62	226929	46.200	ug/l	99
43) Isopropyl Acetate	6.342	43	353463	47.986	ug/l	98
44) Trichloroethene	7.129	130	174993	45.454	ug/l	96
45) 1,2-Dichloropropane	7.434	63	157213	45.222	ug/l	100
46) Dibromomethane	7.580	93	114976	45.653	ug/l	94
47) Bromodichloromethane	7.824	83	218921	46.055	ug/l	100
48) Methyl methacrylate	7.696	41	175368	47.336	ug/l	93
49) 1,4-Dioxane	7.671	88	85267	894.739	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	1164919	241.649	ug/l	97
52) Toluene	8.720	92	422216	46.514	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	235480	45.678	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	259711	48.667	ug/l #	92
55) 1,1,2-Trichloroethane	9.153	97	172584	47.003	ug/l	99
56) Ethyl methacrylate	9.116	69	266294	49.850	ug/l	93
57) 1,3-Dichloropropane	9.311	76	284217	45.921	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	617975	238.131	ug/l	97
59) 2-Hexanone	9.433	43	901814	246.046	ug/l	95
60) Dibromochloromethane	9.525	129	168236	47.360	ug/l	97
61) 1,2-Dibromoethane	9.610	107	180249	46.025	ug/l	100
64) Tetrachloroethene	9.275	164	158008	47.252	ug/l	95
65) Chlorobenzene	10.079	112	449457	46.240	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	164031	48.483	ug/l	99
67) Ethyl Benzene	10.195	91	826325	48.373	ug/l	100
68) m/p-Xylenes	10.305	106	640178	96.863	ug/l	98
69) o-Xylene	10.646	106	313956	48.885	ug/l	98
70) Styrene	10.659	104	533761	49.799	ug/l	98
71) Bromoform	10.799	173	115709	48.155	ug/l #	100
73) Isopropylbenzene	10.963	105	836132	47.241	ug/l	98
74) N-amyl acetate	10.848	43	299063	49.912	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	266006	44.532	ug/l	100
76) 1,2,3-Trichloropropane	11.244	75	240328m	45.767	ug/l	
77) Bromobenzene	11.201	156	192083	46.220	ug/l	94
78) n-propylbenzene	11.305	91	962924	47.945	ug/l	100
79) 2-Chlorotoluene	11.366	91	584768	47.280	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	718457	47.806	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	73506	43.817	ug/l	89
82) 4-Chlorotoluene	11.457	91	675697	47.330	ug/l	100
83) tert-Butylbenzene	11.719	119	685794	47.029	ug/l	93
84) 1,2,4-Trimethylbenzene	11.756	105	717340	48.358	ug/l	99
85) sec-Butylbenzene	11.890	105	877364	48.997	ug/l	100
86) p-Isopropyltoluene	12.012	119	745292	49.648	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	376684	47.493	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	378790	46.958	ug/l	97
89) n-Butylbenzene	12.335	91	641672	50.700	ug/l	100
90) Hexachloroethane	12.542	117	110905	46.470	ug/l	87
91) 1,2-Dichlorobenzene	12.335	146	364050	46.292	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	61196	49.258	ug/l	92
93) 1,2,4-Trichlorobenzene	13.591	180	233690	50.345	ug/l	98
94) Hexachlorobutadiene	13.725	225	91569	47.451	ug/l	95
95) Naphthalene	13.780	128	856833	52.302	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	228837	49.442	ug/l	96

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

