

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070522\
 Data File : VX029910.D
 Acq On : 05 Jul 2022 11:06
 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 07/06/2022
 Supervised By : Mahesh Dadoda 07/06/2022

Quant Time: Jul 06 06:51:41 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	232684	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	409057	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	372748	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	183300	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	153639	52.163	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.320%			
35) Dibromofluoromethane	5.385	113	135769	53.110	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.220%			
50) Toluene-d8	8.653	98	511456	53.331	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 106.660%			
62) 4-Bromofluorobenzene	11.079	95	189537	55.910	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 111.820%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	108275	47.717	ug/l	99
3) Chloromethane	1.288	50	114171	43.670	ug/l	99
4) Vinyl Chloride	1.374	62	123603	47.535	ug/l	98
5) Bromomethane	1.611	94	45340	31.647	ug/l	98
6) Chloroethane	1.678	64	42598	25.614	ug/l	96
7) Trichlorofluoromethane	1.880	101	160037	47.946	ug/l	96
8) Diethyl Ether	2.136	74	76108	50.868	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.325	101	109664	46.994	ug/l	99
10) Methyl Iodide	2.447	142	109401	34.807	ug/l	99
11) Tert butyl alcohol	3.032	59	176665m	229.348	ug/l	
12) 1,1-Dichloroethene	2.319	96	110693	46.193	ug/l	95
13) Acrolein	2.239	56	70799	195.073	ug/l	100
14) Allyl chloride	2.660	41	209109	47.283	ug/l	99
15) Acrylonitrile	3.068	53	437150	243.093	ug/l	99
16) Acetone	2.392	43	334421	232.080	ug/l	99
17) Carbon Disulfide	2.507	76	273821	45.954	ug/l	98
18) Methyl Acetate	2.709	43	212558	47.847	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	411664	50.883	ug/l	97
20) Methylene Chloride	2.788	84	140159	46.056	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	119707	45.545	ug/l	97
22) Diisopropyl ether	3.763	45	435663	48.749	ug/l	89
23) Vinyl Acetate	3.721	43	1939356	250.908	ug/l	100
24) 1,1-Dichloroethane	3.611	63	222737	47.259	ug/l	99
25) 2-Butanone	4.562	43	586949	234.682	ug/l	99
26) 2,2-Dichloropropane	4.477	77	169703	54.860	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	149997	48.336	ug/l	99
28) Bromochloromethane	4.897	49	86778	45.939	ug/l	96
29) Tetrahydrofuran	5.007	42	391955	238.140	ug/l	100
30) Chloroform	5.092	83	224428	48.560	ug/l	100
31) Cyclohexane	5.464	56	191732	46.687	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	177514	48.235	ug/l	99
36) 1,1-Dichloropropene	5.690	75	158183	46.524	ug/l	99
37) Ethyl Acetate	4.714	43	224939	48.372	ug/l	99
38) Carbon Tetrachloride	5.678	117	147424	50.040	ug/l	96
39) Methylcyclohexane	7.379	83	199624	48.559	ug/l	99
40) Benzene	6.037	78	528261	48.049	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	121174	49.019	ug/l	99
42) 1,2-Dichloroethane	6.086	62	169816	50.328	ug/l	100
43) Isopropyl Acetate	6.342	43	352309	50.312	ug/l	100
44) Trichloroethene	7.123	130	137311	46.376	ug/l	98
45) 1,2-Dichloropropane	7.427	63	141645	48.770	ug/l	99
46) Dibromomethane	7.580	93	95875	50.463	ug/l	98
47) Bromodichloromethane	7.824	83	177147	52.018	ug/l	98
48) Methyl methacrylate	7.696	41	164525	49.554	ug/l	98
49) 1,4-Dioxane	7.689	88	72939	927.763	ug/l	99
51) 4-Methyl-2-Pentanone	8.580	43	1126096	243.878	ug/l	100
52) Toluene	8.720	92	329739	49.703	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	204676	56.400	ug/l	96
54) cis-1,3-Dichloropropene	8.366	75	219789	53.595	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	142874	49.432	ug/l	98
56) Ethyl methacrylate	9.116	69	235588	51.697	ug/l	100
57) 1,3-Dichloropropane	9.311	76	232600	50.021	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	506318	232.843	ug/l	99
59) 2-Hexanone	9.433	43	858665	239.624	ug/l	100
60) Dibromochloromethane	9.525	129	140700	55.096	ug/l	100
61) 1,2-Dibromoethane	9.610	107	150878	51.082	ug/l	98
64) Tetrachloroethene	9.275	164	113303	50.395	ug/l	97
65) Chlorobenzene	10.079	112	361707	48.341	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	126075	50.429	ug/l	98
67) Ethyl Benzene	10.195	91	628049	48.257	ug/l	99
68) m/p-Xylenes	10.305	106	487514	97.669	ug/l	99
69) o-Xylene	10.646	106	244547	48.369	ug/l	99
70) Styrene	10.658	104	415126	49.673	ug/l	99
71) Bromoform	10.805	173	101313	56.812	ug/l	99
73) Isopropylbenzene	10.963	105	603208	45.479	ug/l	99
74) N-amyl acetate	10.841	43	303345	46.193	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	232662	44.558	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	204109m	46.516	ug/l	
77) Bromobenzene	11.201	156	148355	46.503	ug/l	99
78) n-propylbenzene	11.305	91	728328	46.559	ug/l	100
79) 2-Chlorotoluene	11.366	91	431854	46.435	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	511219	46.429	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	79432	57.489	ug/l	95
82) 4-Chlorotoluene	11.457	91	485751	45.845	ug/l	99
83) tert-Butylbenzene	11.719	119	492699	45.151	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	520722	47.210	ug/l	99
85) sec-Butylbenzene	11.890	105	648461	47.158	ug/l	100
86) p-Isopropyltoluene	12.012	119	519369	47.322	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	290613	47.446	ug/l	97
88) 1,4-Dichlorobenzene	12.042	146	291363	46.619	ug/l	98
89) n-Butylbenzene	12.335	91	503898	48.843	ug/l	98
90) Hexachloroethane	12.542	117	96089	53.670	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	286120	47.549	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	57912	53.075	ug/l	92
93) 1,2,4-Trichlorobenzene	13.591	180	175651	48.170	ug/l	98
94) Hexachlorobutadiene	13.725	225	60699	44.998	ug/l	98
95) Naphthalene	13.774	128	742752	50.170	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	178636	47.851	ug/l	98

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

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