

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070622\
 Data File : VX029948.D
 Acq On : 06 Jul 2022 17:34
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/07/2022
 Supervised By : Mahesh Dadoda 07/07/2022

Quant Time: Jul 07 02:38:35 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	204643	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	360097	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	321601	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	158590	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	127920	49.382	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 98.760%			
35) Dibromofluoromethane	5.391	113	116012	51.551	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.100%			
50) Toluene-d8	8.653	98	442443	52.407	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 104.820%			
62) 4-Bromofluorobenzene	11.079	95	162687	54.515	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 109.040%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	101006	50.613	ug/l	99
3) Chloromethane	1.288	50	99685	43.354	ug/l	99
4) Vinyl Chloride	1.374	62	113941	49.824	ug/l	100
5) Bromomethane	1.605	94	36296	28.806	ug/l	89
6) Chloroethane	1.685	64	54455	39.660	ug/l	93
7) Trichlorofluoromethane	1.880	101	150972	51.428	ug/l	97
8) Diethyl Ether	2.136	74	65073	49.452	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.325	101	102132	49.763	ug/l	97
10) Methyl Iodide	2.453	142	60852	22.702	ug/l	99
11) Tert butyl alcohol	3.002	59	172223	254.218	ug/l	97
12) 1,1-Dichloroethene	2.319	96	106064	50.326	ug/l	96
13) Acrolein	2.239	56	61603	192.935	ug/l	100
14) Allyl chloride	2.660	41	188060	48.351	ug/l	98
15) Acrylonitrile	3.069	53	383674	242.590	ug/l	99
16) Acetone	2.392	43	301116	237.601	ug/l	97
17) Carbon Disulfide	2.508	76	234700	44.786	ug/l	98
18) Methyl Acetate	2.709	43	191529	49.021	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	351589	49.412	ug/l	99
20) Methylene Chloride	2.788	84	121773	45.497	ug/l	99
21) trans-1,2-Dichloroethene	3.093	96	110111	47.635	ug/l	97
22) Diisopropyl ether	3.764	45	383833	48.834	ug/l	95
23) Vinyl Acetate	3.727	43	1668558	245.452	ug/l	99
24) 1,1-Dichloroethane	3.611	63	203083	48.993	ug/l	99
25) 2-Butanone	4.568	43	526314	239.273	ug/l	99
26) 2,2-Dichloropropane	4.477	77	135859	49.937	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	136650	50.069	ug/l	97
28) Bromochloromethane	4.904	49	77303	46.530	ug/l	97
29) Tetrahydrofuran	5.013	42	355346	245.480	ug/l	100
30) Chloroform	5.099	83	204598	50.336	ug/l	99
31) Cyclohexane	5.471	56	178709	49.479	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	163708	50.579	ug/l	99
36) 1,1-Dichloropropene	5.696	75	148331	49.558	ug/l	99
37) Ethyl Acetate	4.721	43	198904	48.589	ug/l	99
38) Carbon Tetrachloride	5.678	117	135630	52.296	ug/l	97
39) Methylcyclohexane	7.379	83	189716	52.423	ug/l	99
40) Benzene	6.038	78	480887	49.687	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	109092	50.131	ug/l	99
42) 1,2-Dichloroethane	6.092	62	149817	50.438	ug/l	99
43) Isopropyl Acetate	6.342	43	304266	49.359	ug/l	100
44) Trichloroethene	7.129	130	127475	48.908	ug/l	100
45) 1,2-Dichloropropane	7.434	63	127495	49.867	ug/l	99
46) Dibromomethane	7.586	93	85014	50.830	ug/l	99
47) Bromodichloromethane	7.824	83	154164	51.424	ug/l	95
48) Methyl methacrylate	7.696	41	147854	50.588	ug/l	100
49) 1,4-Dioxane	7.684	88	71665	1035.497	ug/l	97
51) 4-Methyl-2-Pentanone	8.580	43	1019667	250.853	ug/l	100
52) Toluene	8.720	92	299677	51.313	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	167711	52.497	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	187846	52.033	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	128843	50.638	ug/l	97
56) Ethyl methacrylate	9.116	69	203373	50.696	ug/l	99
57) 1,3-Dichloropropane	9.311	76	202454	49.458	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	434751	227.115	ug/l	100
59) 2-Hexanone	9.433	43	801909	254.212	ug/l	99
60) Dibromochloromethane	9.525	129	118926	52.901	ug/l	98
61) 1,2-Dibromoethane	9.610	107	131089	50.416	ug/l	98
64) Tetrachloroethene	9.275	164	110313	56.868	ug/l	98
65) Chlorobenzene	10.080	112	319157	49.438	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	112257	52.043	ug/l	100
67) Ethyl Benzene	10.195	91	567659	50.554	ug/l	97
68) m/p-Xylenes	10.305	106	441798	102.587	ug/l	99
69) o-Xylene	10.647	106	219866	50.404	ug/l	99
70) Styrene	10.659	104	371498	51.522	ug/l	99
71) Bromoform	10.799	173	83812	54.473	ug/l	100
73) Isopropylbenzene	10.964	105	561028	48.890	ug/l	99
74) N-amyl acetate	10.848	43	272419	47.947	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	203846	45.122	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	185227m	48.790	ug/l	
77) Bromobenzene	11.201	156	132383	47.963	ug/l	99
78) n-propylbenzene	11.305	91	682715	50.444	ug/l	99
79) 2-Chlorotoluene	11.366	91	391169	48.613	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	481833	50.578	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	62784	52.520	ug/l	99
82) 4-Chlorotoluene	11.457	91	449125	48.992	ug/l	99
83) tert-Butylbenzene	11.719	119	468912	49.666	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	470518	49.305	ug/l	99
85) sec-Butylbenzene	11.890	105	635485	53.415	ug/l	99
86) p-Isopropyltoluene	12.012	119	511494	53.865	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	258973	48.868	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	263384	48.708	ug/l	99
89) n-Butylbenzene	12.335	91	496029	55.571	ug/l	99
90) Hexachloroethane	12.543	117	85709	55.331	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	257064	49.377	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	48182	51.038	ug/l	95
93) 1,2,4-Trichlorobenzene	13.591	180	158013	50.084	ug/l	99
94) Hexachlorobutadiene	13.725	225	59510	50.990	ug/l	98
95) Naphthalene	13.774	128	642792	50.183	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	160245	49.613	ug/l	98

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

