

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072522\
 Data File : VX030195.D
 Acq On : 25 Jul 2022 16:40
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX072522

Quant Time: Jul 25 17:09:59 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072522W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 25 16:49:17 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/26/2022
 Supervised By : Mahesh Dadoda 07/26/2022

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	154837	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.763	114	256624	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	274128	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	175455	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	155675	50.022	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.040%			
35) Dibromofluoromethane	5.385	113	126290	51.480	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.960%			
50) Toluene-d8	8.653	98	502004	52.841	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 105.680%			
62) 4-Bromofluorobenzene	11.085	95	192381	54.563	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 109.120%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	144786	56.986	ug/l	96
3) Chloromethane	1.294	50	136849	54.468	ug/l	99
4) Vinyl Chloride	1.374	62	129566	51.094	ug/l	98
5) Bromomethane	1.593	94	48020	54.511	ug/l	98
6) Chloroethane	1.672	64	74675	51.287	ug/l	95
7) Trichlorofluoromethane	1.880	101	174243	52.153	ug/l	93
8) Diethyl Ether	2.136	74	66405	50.757	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.325	101	123940	50.085	ug/l	98
10) Methyl Iodide	2.447	142	123150	51.032	ug/l	97
11) Tert butyl alcohol	2.971	59	197396	260.027	ug/l	98
12) 1,1-Dichloroethene	2.312	96	121842	50.373	ug/l	96
13) Acrolein	2.239	56	38735	207.599	ug/l	99
14) Allyl chloride	2.660	41	252882	50.665	ug/l	97
15) Acrylonitrile	3.068	53	485200	258.637	ug/l	99
16) Acetone	2.380	43	399871	250.966	ug/l	97
17) Carbon Disulfide	2.508	76	328689	50.341	ug/l	99
18) Methyl Acetate	2.703	43	227204	48.210	ug/l	97
19) Methyl tert-butyl Ether	3.117	73	431834	52.120	ug/l	99
20) Methylene Chloride	2.788	84	152688	56.225	ug/l	99
21) trans-1,2-Dichloroethene	3.087	96	136663	51.189	ug/l	95
22) Diisopropyl ether	3.763	45	501356	53.088	ug/l	91
23) Vinyl Acetate	3.721	43	2228113	271.987	ug/l	98
24) 1,1-Dichloroethane	3.605	63	254043	50.624	ug/l	99
25) 2-Butanone	4.556	43	693614	259.055	ug/l	96
26) 2,2-Dichloropropane	4.477	77	195595	53.903	ug/l	96
27) cis-1,2-Dichloroethene	4.489	96	159906	50.934	ug/l	95
28) Bromochloromethane	4.897	49	108624	51.237	ug/l	96
29) Tetrahydrofuran	5.007	42	466372	258.879	ug/l	95
30) Chloroform	5.092	83	252390	50.797	ug/l	99
31) Cyclohexane	5.464	56	238028	52.678	ug/l	92
32) 1,1,1-Trichloroethane	5.385	97	209353	51.836	ug/l	99
36) 1,1-Dichloropropene	5.690	75	188055	53.267	ug/l	97
37) Ethyl Acetate	4.714	43	258806	51.767	ug/l	98
38) Carbon Tetrachloride	5.678	117	175721	53.316	ug/l	96
39) Methylcyclohexane	7.379	83	242044	53.115	ug/l	93
40) Benzene	6.037	78	582237	52.417	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	144900	54.069	ug/l	95
42) 1,2-Dichloroethane	6.086	62	199015	51.851	ug/l	97
43) Isopropyl Acetate	6.342	43	391113	53.365	ug/l	98
44) Trichloroethene	7.123	130	152522	50.252	ug/l	97
45) 1,2-Dichloropropane	7.433	63	154273	52.073	ug/l	99
46) Dibromomethane	7.580	93	101445	50.352	ug/l	97
47) Bromodichloromethane	7.824	83	194272	53.043	ug/l	97
48) Methyl methacrylate	7.696	41	193123	53.536	ug/l	96
49) 1,4-Dioxane	7.659	88	88170	1058.237	ug/l	94
51) 4-Methyl-2-Pentanone	8.574	43	1348749	271.075	ug/l	97
52) Toluene	8.720	92	364854	53.838	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	215112	54.486	ug/l	96
54) cis-1,3-Dichloropropene	8.366	75	235266	54.683	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	150868	52.286	ug/l	97
56) Ethyl methacrylate	9.116	69	253962	55.676	ug/l	95
57) 1,3-Dichloropropane	9.311	76	247230	51.907	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	660184	291.627	ug/l	97
59) 2-Hexanone	9.433	43	1068350	272.161	ug/l	97
60) Dibromochloromethane	9.525	129	149468	55.958	ug/l	100
61) 1,2-Dibromoethane	9.610	107	161523	53.610	ug/l	97
64) Tetrachloroethene	9.275	164	149000	50.488	ug/l	97
65) Chlorobenzene	10.079	112	389525	52.310	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	135830	53.659	ug/l	98
67) Ethyl Benzene	10.195	91	716494	50.269	ug/l	99
68) m/p-Xylenes	10.305	106	545187	108.077	ug/l	95
69) o-Xylene	10.646	106	267699	53.844	ug/l	93
70) Styrene	10.659	104	457179	55.970	ug/l	98
71) Bromoform	10.799	173	107750	57.899	ug/l #	100
73) Isopropylbenzene	10.963	105	709269	51.782	ug/l	98
74) N-amyl acetate	10.841	43	358522	53.856	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	249021	49.671	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	237391m	51.329	ug/l	
77) Bromobenzene	11.201	156	162391	50.512	ug/l	93
78) n-propylbenzene	11.305	91	869665	53.197	ug/l	98
79) 2-Chlorotoluene	11.366	91	509989	49.400	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	597892	52.130	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	86152	55.882	ug/l	97
82) 4-Chlorotoluene	11.457	91	588004	52.130	ug/l	97
83) tert-Butylbenzene	11.719	119	565464	53.192	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	604234	52.807	ug/l	97
85) sec-Butylbenzene	11.890	105	786229	54.036	ug/l	99
86) p-Isopropyltoluene	12.012	119	632073	54.298	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	316996	50.700	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	318279	50.007	ug/l	99
89) n-Butylbenzene	12.335	91	610195	56.303	ug/l	99
90) Hexachloroethane	12.542	117	105058	52.417	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	309114	50.370	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	57704	47.989	ug/l	92
93) 1,2,4-Trichlorobenzene	13.591	180	187800	52.769	ug/l	99
94) Hexachlorobutadiene	13.725	225	76076	53.238	ug/l	99
95) Naphthalene	13.780	128	738360	53.114	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	188572	51.665	ug/l	99

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

