

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031722\
 Data File : VX027489.D
 Acq On : 17 Mar 2022 15:16
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX031722

Quant Time: Mar 18 02:04:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031722W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 17 15:02:59 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 03/18/2022
 Supervised By : Mahesh Dadoda 03/18/2022

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	371655	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	549157	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	466447	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	243620	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	210021	45.872	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	91.740%		
35) Dibromofluoromethane	5.385	113	187663	53.115	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	106.220%		
50) Toluene-d8	8.653	98	648235	48.484	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	96.960%		
62) 4-Bromofluorobenzene	11.079	95	242631	49.374	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	98.740%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	176921	49.594	ug/l	100
3) Chloromethane	1.294	50	156010	49.264	ug/l	99
4) Vinyl Chloride	1.374	62	184224	50.348	ug/l	99
5) Bromomethane	1.599	94	90487	48.139	ug/l	98
6) Chloroethane	1.678	64	101012	44.987	ug/l	99
7) Trichlorofluoromethane	1.880	101	279726	46.311	ug/l	98
8) Diethyl Ether	2.136	74	97752	43.447	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.325	101	181083	50.345	ug/l	94
10) Methyl Iodide	2.447	142	225838	47.433	ug/l	99
11) Tert butyl alcohol	2.965	59	195286	223.809	ug/l	100
12) 1,1-Dichloroethene	2.319	96	171482	49.690	ug/l	93
13) Acrolein	2.233	56	136277	201.263	ug/l	97
14) Allyl chloride	2.660	41	256929	47.576	ug/l	98
15) Acrylonitrile	3.062	53	474292	239.092	ug/l	99
16) Acetone	2.380	43	452682	242.569	ug/l	96
17) Carbon Disulfide	2.508	76	437405	49.811	ug/l	100
18) Methyl Acetate	2.703	43	204262	45.670	ug/l	97
19) Methyl tert-butyl Ether	3.117	73	561274	48.204	ug/l	100
20) Methylene Chloride	2.788	84	185321	46.187	ug/l	98
21) trans-1,2-Dichloroethene	3.087	96	185204	50.310	ug/l	99
22) Diisopropyl ether	3.763	45	509337	48.296	ug/l	94
23) Vinyl Acetate	3.721	43	2224183	242.511	ug/l	98
24) 1,1-Dichloroethane	3.611	63	313155	48.821	ug/l	99
25) 2-Butanone	4.556	43	666678	237.444	ug/l	97
26) 2,2-Dichloropropane	4.477	77	262954	50.202	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	216709	50.762	ug/l	94
28) Bromochloromethane	4.897	49	126199	48.773	ug/l	89
29) Tetrahydrofuran	5.007	42	421580	234.058	ug/l	95
30) Chloroform	5.099	83	336822	47.604	ug/l	98
31) Cyclohexane	5.470	56	286354	50.368	ug/l	96
32) 1,1,1-Trichloroethane	5.385	97	307581	47.746	ug/l	98
36) 1,1-Dichloropropene	5.690	75	254852	52.783	ug/l	98
37) Ethyl Acetate	4.715	43	249002	51.755	ug/l	99
38) Carbon Tetrachloride	5.678	117	284642	51.530	ug/l	98
39) Methylcyclohexane	7.379	83	310101	51.074	ug/l	97
40) Benzene	6.037	78	727804	52.541	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	132951	50.670	ug/l	96
42) 1,2-Dichloroethane	6.086	62	257398	49.581	ug/l	99
43) Isopropyl Acetate	6.342	43	386898	49.967	ug/l	98
44) Trichloroethene	7.123	130	205064	48.767	ug/l	99
45) 1,2-Dichloropropane	7.434	63	171060	48.483	ug/l	97
46) Dibromomethane	7.580	93	129787	48.154	ug/l	98
47) Bromodichloromethane	7.824	83	250220	49.305	ug/l	100
48) Methyl methacrylate	7.696	41	191300	49.922	ug/l	89
49) 1,4-Dioxane	7.659	88	90085	915.288	ug/l	97
51) 4-Methyl-2-Pentanone	8.574	43	1197695	242.310	ug/l	95
52) Toluene	8.720	92	446789	48.132	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	275059	52.808	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	290737	51.287	ug/l #	91
55) 1,1,2-Trichloroethane	9.153	97	187774	49.682	ug/l	99
56) Ethyl methacrylate	9.116	69	283769	50.182	ug/l #	89
57) 1,3-Dichloropropane	9.311	76	304668	49.654	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	698789	244.074	ug/l	98
59) 2-Hexanone	9.433	43	945800	248.444	ug/l	94
60) Dibromochloromethane	9.525	129	207521	49.879	ug/l	97
61) 1,2-Dibromoethane	9.610	107	198948	47.893	ug/l	97
64) Tetrachloroethene	9.275	164	194368	53.593	ug/l	97
65) Chlorobenzene	10.079	112	489975	51.064	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	186826	52.186	ug/l	99
67) Ethyl Benzene	10.195	91	870935	53.029	ug/l	97
68) m/p-Xylenes	10.305	106	685788	106.048	ug/l	100
69) o-Xylene	10.640	106	333717	53.149	ug/l	100
70) Styrene	10.659	104	557398	54.343	ug/l	98
71) Bromoform	10.799	173	151830	53.087	ug/l	99
73) Isopropylbenzene	10.963	105	884429	49.842	ug/l	99
74) N-amyl acetate	10.841	43	317474	50.457	ug/l	92
75) 1,1,2,2-Tetrachloroethane	11.213	83	270071	48.048	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	252534m	49.558	ug/l	
77) Bromobenzene	11.201	156	219003	48.964	ug/l	96
78) n-propylbenzene	11.305	91	1007839	51.739	ug/l	98
79) 2-Chlorotoluene	11.366	91	601469	49.223	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	756806	50.674	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	83817	49.955	ug/l	89
82) 4-Chlorotoluene	11.457	91	694657	49.930	ug/l	98
83) tert-Butylbenzene	11.719	119	746889	50.483	ug/l	96
84) 1,2,4-Trimethylbenzene	11.756	105	759617	51.001	ug/l	99
85) sec-Butylbenzene	11.890	105	925882	51.786	ug/l	100
86) p-Isopropyltoluene	12.012	119	807508	52.583	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	417460	50.375	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	416171	49.631	ug/l	99
89) n-Butylbenzene	12.335	91	684469	53.409	ug/l	97
90) Hexachloroethane	12.542	117	126542	51.671	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	405489	50.112	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	65357	50.697	ug/l	97
93) 1,2,4-Trichlorobenzene	13.591	180	273066	52.651	ug/l	98
94) Hexachlorobutadiene	13.725	225	120949	52.793	ug/l	95
95) Naphthalene	13.780	128	886482	52.506	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	268294	51.139	ug/l	95

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

