

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX053123\
 Data File : VX035930.D
 Acq On : 31 May 2023 12:48
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX053123

Quant Time: May 31 17:07:41 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X053123W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 31 12:50:30 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 06/01/2023
 Supervised By : Mahesh Dadoda 06/01/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	213994	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	376238	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	346894	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	167583	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	168954	48.621	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	97.240%		
35) Dibromofluoromethane	5.385	113	121449	47.993	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.980%		
50) Toluene-d8	8.647	98	443191	48.799	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.600%		
62) 4-Bromofluorobenzene	11.079	95	177330	49.462	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	98.920%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	119639	51.170	ug/l	95
3) Chloromethane	1.295	50	123915	46.368	ug/l	97
4) Vinyl Chloride	1.374	62	119859	47.747	ug/l	99
5) Bromomethane	1.618	94	76173	46.072	ug/l	99
6) Chloroethane	1.691	64	69234	46.839	ug/l	99
7) Trichlorofluoromethane	1.886	101	179653	50.859	ug/l	96
8) Diethyl Ether	2.130	74	73115	47.661	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.331	101	108894	49.670	ug/l	99
10) Methyl Iodide	2.453	142	126212	48.906	ug/l	100
11) Tert butyl alcohol	3.026	59	158742	257.229	ug/l #	91
12) 1,1-Dichloroethene	2.319	96	101842	47.438	ug/l	98
13) Acrolein	2.240	56	137602	231.480	ug/l	99
14) Allyl chloride	2.660	41	217393	49.260	ug/l	98
15) Acrylonitrile	3.069	53	353196	243.592	ug/l	98
16) Acetone	2.398	43	414576	289.182	ug/l	98
17) Carbon Disulfide	2.514	76	264234	49.119	ug/l	98
18) Methyl Acetate	2.703	43	273481	49.069	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	425287	50.571	ug/l	100
20) Methylene Chloride	2.788	84	126014	45.632	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	115996	47.266	ug/l	98
22) Diisopropyl ether	3.758	45	432892	50.430	ug/l	96
23) Vinyl Acetate	3.721	43	1589727	263.595	ug/l	99
24) 1,1-Dichloroethane	3.611	63	232143	48.759	ug/l	99
25) 2-Butanone	4.562	43	548329	267.230	ug/l	100
26) 2,2-Dichloropropane	4.477	77	200110	55.141	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	140210	47.603	ug/l	100
28) Bromochloromethane	4.898	49	121951	48.914	ug/l	97
29) Tetrahydrofuran	5.007	42	328634	248.538	ug/l	99
30) Chloroform	5.093	83	238278	48.589	ug/l	100
31) Cyclohexane	5.471	56	190458	52.348	ug/l	97
32) 1,1,1-Trichloroethane	5.379	97	209845	50.638	ug/l	99
36) 1,1-Dichloropropene	5.696	75	168987	50.084	ug/l	98
37) Ethyl Acetate	4.709	43	197042	52.437	ug/l	99
38) Carbon Tetrachloride	5.678	117	174257	52.997	ug/l	97
39) Methylcyclohexane	7.379	83	187610	53.292	ug/l	99
40) Benzene	6.038	78	495582	48.939	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	113486	53.238	ug/l	99
42) 1,2-Dichloroethane	6.086	62	210463	52.482	ug/l	99
43) Isopropyl Acetate	6.336	43	325491	52.680	ug/l	99
44) Trichloroethene	7.123	130	124402	47.356	ug/l	100
45) 1,2-Dichloropropane	7.428	63	131841	49.465	ug/l	96
46) Dibromomethane	7.580	93	92931	50.193	ug/l	98
47) Bromodichloromethane	7.818	83	184625	53.012	ug/l	100
48) Methyl methacrylate	7.690	41	161931	53.442	ug/l	97
49) 1,4-Dioxane	7.726	88	67723	975.906	ug/l #	81
51) 4-Methyl-2-Pentanone	8.574	43	987663	261.876	ug/l	99
52) Toluene	8.720	92	317408	49.856	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	205360	55.780	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	219270	53.934	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	128800	48.558	ug/l	98
56) Ethyl methacrylate	9.116	69	213190	53.759	ug/l	97
57) 1,3-Dichloropropane	9.305	76	229191	50.208	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	514488	247.598	ug/l	99
59) 2-Hexanone	9.433	43	736167	264.020	ug/l	97
60) Dibromochloromethane	9.519	129	131520	51.076	ug/l	99
61) 1,2-Dibromoethane	9.610	107	137090	50.555	ug/l	100
64) Tetrachloroethene	9.275	164	102194	46.880	ug/l	99
65) Chlorobenzene	10.080	112	337458	48.212	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	123830	50.300	ug/l	100
67) Ethyl Benzene	10.195	91	605870	48.635	ug/l	99
68) m/p-Xylenes	10.299	106	466150	98.634	ug/l	95
69) o-Xylene	10.640	106	230069	48.444	ug/l	95
70) Styrene	10.653	104	390995	50.953	ug/l	98
71) Bromoform	10.799	173	91067	53.413	ug/l #	100
73) Isopropylbenzene	10.964	105	590964	48.527	ug/l	98
74) N-amyl acetate	10.842	43	264138	49.762	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.214	83	198091	47.552	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	167717m	44.373	ug/l	
77) Bromobenzene	11.195	156	141308	46.922	ug/l	95
78) n-propylbenzene	11.305	91	686585	49.952	ug/l	98
79) 2-Chlorotoluene	11.366	91	425448	47.529	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	506567	49.338	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	59185	52.743	ug/l	92
82) 4-Chlorotoluene	11.451	91	493477	48.031	ug/l	97
83) tert-Butylbenzene	11.713	119	478987	48.831	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	509113	48.316	ug/l	99
85) sec-Butylbenzene	11.890	105	589370	50.655	ug/l	98
86) p-Isopropyltoluene	12.012	119	509312	51.201	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	272613	49.417	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	275003	47.321	ug/l	98
89) n-Butylbenzene	12.329	91	440144	52.374	ug/l	99
90) Hexachloroethane	12.536	117	80435	50.992	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	268547	48.901	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	43810	50.960	ug/l	87
93) 1,2,4-Trichlorobenzene	13.585	180	161264	50.461	ug/l	99
94) Hexachlorobutadiene	13.725	225	60132	49.463	ug/l	98
95) Naphthalene	13.774	128	565108	50.805	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	157283	49.893	ug/l	99

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

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