

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042523\
 Data File : VX035277.D
 Acq On : 25 Apr 2023 12:32
 Operator : JC/MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Quant Time: Apr 25 16:08:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042523W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 16:06:05 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 04/25/2023
 Supervised By : Mahesh Dadoda 04/26/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	269182	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	430416	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	384573	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	188824	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	462632	142.457	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 284.920%#			
35) Dibromofluoromethane	5.385	113	383656	145.227	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 290.460%#			
50) Toluene-d8	8.653	98	1403470	140.831	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 281.660%#			
62) 4-Bromofluorobenzene	11.079	95	544135	145.146	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 290.300%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	438667	154.012	ug/l	99
3) Chloromethane	1.295	50	390645	150.765	ug/l	99
4) Vinyl Chloride	1.374	62	394257	151.708	ug/l	99
5) Bromomethane	1.618	94	265251	153.567	ug/l	97
6) Chloroethane	1.691	64	216673	142.557	ug/l	100
7) Trichlorofluoromethane	1.886	101	575413	141.589	ug/l	100
8) Diethyl Ether	2.130	74	220271	148.656	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.325	101	390058	143.703	ug/l	96
10) Methyl Iodide	2.453	142	536416	156.586	ug/l	98
11) Tert butyl alcohol	3.020	59	451184m	765.072	ug/l	
12) 1,1-Dichloroethene	2.319	96	383290	146.606	ug/l	97
13) Acrolein	2.239	56	453402	779.696	ug/l	99
14) Allyl chloride	2.660	41	703882	152.988	ug/l	97
15) Acrylonitrile	3.069	53	1090448	737.326	ug/l	100
16) Acetone	2.398	43	956619	678.235	ug/l	98
17) Carbon Disulfide	2.508	76	1017077	162.281	ug/l	99
18) Methyl Acetate	2.709	43	821969	150.704	ug/l	97
19) Methyl tert-butyl Ether	3.111	73	1331311	148.428	ug/l	98
20) Methylene Chloride	2.788	84	433011	133.889	ug/l	94
21) trans-1,2-Dichloroethene	3.087	96	416026	146.516	ug/l	98
22) Diisopropyl ether	3.757	45	1293951	142.121	ug/l	95
23) Vinyl Acetate	3.721	43	4763501	761.161	ug/l	98
24) 1,1-Dichloroethane	3.611	63	762010	148.587	ug/l	100
25) 2-Butanone	4.568	43	1504490	730.829	ug/l	95
26) 2,2-Dichloropropane	4.471	77	645374	160.631	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	489158	146.556	ug/l	96
28) Bromochloromethane	4.898	49	336711	154.069	ug/l	87
29) Tetrahydrofuran	5.013	42	958818	726.708	ug/l	96
30) Chloroform	5.093	83	767069	148.166	ug/l	97
31) Cyclohexane	5.471	56	679108	147.416	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	706096	155.627	ug/l	97
36) 1,1-Dichloropropene	5.690	75	604380	146.517	ug/l	99
37) Ethyl Acetate	4.715	43	580652	151.735	ug/l	97
38) Carbon Tetrachloride	5.678	117	625810	159.814	ug/l	99
39) Methylcyclohexane	7.379	83	748136	148.998	ug/l	100
40) Benzene	6.038	78	1711053	144.599	ug/l	99

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41) Methacrylonitrile	4.922	41	332208	153.888	ug/l	98
42) 1,2-Dichloroethane	6.086	62	618301	146.548	ug/l	98
43) Isopropyl Acetate	6.342	43	1003363	158.496	ug/l	96
44) Trichloroethene	7.123	130	480941	147.536	ug/l	97
45) 1,2-Dichloropropane	7.428	63	444260	148.917	ug/l	100
46) Dibromomethane	7.580	93	308180	150.430	ug/l	93
47) Bromodichloromethane	7.824	83	607171	160.858	ug/l	99
48) Methyl methacrylate	7.696	41	492698	158.663	ug/l	94
49) 1,4-Dioxane	7.739	88	210222	2777.295	ug/l #	79
51) 4-Methyl-2-Pentanone	8.580	43	2800051	719.941	ug/l	96
52) Toluene	8.720	92	1090652	145.407	ug/l	97
53) t-1,3-Dichloropropene	8.976	75	696506	176.692	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	744434	167.081	ug/l	92
55) 1,1,2-Trichloroethane	9.153	97	434212	145.214	ug/l	97
56) Ethyl methacrylate	9.116	69	696666	156.403	ug/l	91
57) 1,3-Dichloropropane	9.311	76	738708	144.436	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.245	63	1687574	757.700	ug/l	95
59) 2-Hexanone	9.439	43	2078377	711.332	ug/l	94
60) Dibromochloromethane	9.519	129	484187	169.007	ug/l	99
61) 1,2-Dibromoethane	9.610	107	466527	151.346	ug/l	99
64) Tetrachloroethene	9.275	164	404718	137.445	ug/l	99
65) Chlorobenzene	10.080	112	1178972	141.698	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	455223	157.208	ug/l	99
67) Ethyl Benzene	10.195	91	2089475	145.012	ug/l	100
68) m/p-Xylenes	10.305	106	1607948	291.229	ug/l	96
69) o-Xylene	10.640	106	796534	147.122	ug/l	98
70) Styrene	10.653	104	1323398	150.756	ug/l	98
71) Bromoform	10.799	173	352487	175.006	ug/l #	100
73) Isopropylbenzene	10.964	105	2043467	148.046	ug/l	99
74) N-amyl acetate	10.848	43	834001	160.782	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.213	83	614486	143.432	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	563083m	156.521	ug/l	
77) Bromobenzene	11.201	156	516281	150.473	ug/l	91
78) n-propylbenzene	11.305	91	2363656	149.104	ug/l	98
79) 2-Chlorotoluene	11.366	91	1432626	144.624	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	1747412	150.142	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	211999	182.292	ug/l	94
82) 4-Chlorotoluene	11.457	91	1646380	147.979	ug/l	97
83) tert-Butylbenzene	11.713	119	1779676	152.401	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	1754934	150.071	ug/l	99
85) sec-Butylbenzene	11.890	105	2157946	150.653	ug/l	98
86) p-Isopropyltoluene	12.012	119	1868113	153.344	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	974638	149.474	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	966312	141.345	ug/l	98
89) n-Butylbenzene	12.335	91	1629912	158.488	ug/l	99
90) Hexachloroethane	12.543	117	336502	180.442	ug/l	91
91) 1,2-Dichlorobenzene	12.335	146	906242	138.962	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	147597	171.812	ug/l	85
93) 1,2,4-Trichlorobenzene	13.591	180	640990	156.368	ug/l	99
94) Hexachlorobutadiene	13.725	225	267365	148.612	ug/l	99
95) Naphthalene	13.774	128	1998495	158.364	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	621979	150.726	ug/l	99

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

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