

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX053123\
 Data File : VX035928.D
 Acq On : 31 May 2023 11:59
 Operator : JC/MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Quant Time: May 31 12:24:55 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X053123W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 31 11:49:35 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	214014	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	375473	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	347222	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	163855	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	461908	121.453	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 242.900%#			
35) Dibromofluoromethane	5.385	113	363951	141.114	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 282.220%#			
50) Toluene-d8	8.647	98	1291340	136.427	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 272.860%#			
62) 4-Bromofluorobenzene	11.079	95	526037	141.056	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 282.120%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.167	85	347045	121.936	ug/l	99
3) Chloromethane	1.295	50	362820	123.636	ug/l	97
4) Vinyl Chloride	1.374	62	368009	130.552	ug/l	98
5) Bromomethane	1.618	94	252312	149.361	ug/l	99
6) Chloroethane	1.691	64	210508	133.651	ug/l	99
7) Trichlorofluoromethane	1.880	101	475393	112.382	ug/l	99
8) Diethyl Ether	2.130	74	222360	143.140	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.325	101	324925	129.591	ug/l	99
10) Methyl Iodide	2.447	142	396133	155.744	ug/l	100
11) Tert butyl alcohol	3.093	59	451646m	681.947	ug/l	
12) 1,1-Dichloroethene	2.313	96	324748	138.185	ug/l	97
13) Acrolein	2.239	56	427354	650.694	ug/l	98
14) Allyl chloride	2.660	41	677192	145.859	ug/l	97
15) Acrylonitrile	3.069	53	1067861	704.892	ug/l	99
16) Acetone	2.398	43	973145	633.805	ug/l	98
17) Carbon Disulfide	2.508	76	858185	157.658	ug/l	99
18) Methyl Acetate	2.709	43	821655	138.595	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	1273316	140.529	ug/l	100
20) Methylene Chloride	2.788	84	383570	108.429	ug/l	99
21) trans-1,2-Dichloroethene	3.087	96	357844	138.127	ug/l	100
22) Diisopropyl ether	3.757	45	1265829	135.776	ug/l	96
23) Vinyl Acetate	3.721	43	4611367	710.052	ug/l	97
24) 1,1-Dichloroethane	3.605	63	714774	138.927	ug/l	99
25) 2-Butanone	4.568	43	1478617	665.767	ug/l	99
26) 2,2-Dichloropropane	4.471	77	584785	147.394	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	426314	141.465	ug/l	97
28) Bromochloromethane	4.898	49	327531	131.372	ug/l	88
29) Tetrahydrofuran	5.013	42	924898	643.688	ug/l	97
30) Chloroform	5.093	83	689080	130.553	ug/l	98
31) Cyclohexane	5.471	56	552519	122.316	ug/l	99
32) 1,1,1-Trichloroethane	5.379	97	620312	136.011	ug/l	98
36) 1,1-Dichloropropene	5.690	75	505467	129.067	ug/l	97
37) Ethyl Acetate	4.715	43	546726	128.961	ug/l	98
38) Carbon Tetrachloride	5.678	117	530091	143.610	ug/l	99
39) Methylcyclohexane	7.379	83	563087	126.010	ug/l	96
40) Benzene	6.038	78	1482124	135.117	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	309297	128.161	ug/l	96
42) 1,2-Dichloroethane	6.086	62	566740	122.320	ug/l	96
43) Isopropyl Acetate	6.342	43	963283	141.793	ug/l	98
44) Trichloroethene	7.123	130	399421	146.176	ug/l	97
45) 1,2-Dichloropropane	7.428	63	393854	136.156	ug/l	98
46) Dibromomethane	7.580	93	276343	139.129	ug/l	96
47) Bromodichloromethane	7.824	83	549643	148.466	ug/l	99
48) Methyl methacrylate	7.690	41	461786	132.420	ug/l	93
49) 1,4-Dioxane	7.738	88	188784	2536.724	ug/l #	79
51) 4-Methyl-2-Pentanone	8.580	43	2645540	625.568	ug/l	96
52) Toluene	8.720	92	936706	135.968	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	619099	161.936	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	654704	156.891	ug/l	92
55) 1,1,2-Trichloroethane	9.153	97	384450	140.765	ug/l	99
56) Ethyl methacrylate	9.116	69	633149	147.236	ug/l	93
57) 1,3-Dichloropropane	9.311	76	659260	133.074	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.245	63	1530692	672.767	ug/l	96
59) 2-Hexanone	9.439	43	1951947	610.660	ug/l	96
60) Dibromochloromethane	9.525	129	424049	169.690	ug/l	99
61) 1,2-Dibromoethane	9.610	107	414607	144.159	ug/l	100
64) Tetrachloroethene	9.275	164	315558	134.261	ug/l	96
65) Chlorobenzene	10.080	112	1024562	138.610	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	393141	155.017	ug/l	99
67) Ethyl Benzene	10.195	91	1820399	132.732	ug/l	97
68) m/p-Xylenes	10.299	106	1400738	276.050	ug/l	92
69) o-Xylene	10.640	106	701074	139.075	ug/l	94
70) Styrene	10.653	104	1179648	142.451	ug/l	97
71) Bromoform	10.799	173	294458	179.579	ug/l #	100
73) Isopropylbenzene	10.964	105	1779659	133.914	ug/l	97
74) N-amyl acetate	10.848	43	779727	134.902	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	560351	129.002	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	524241m	128.204	ug/l	
77) Bromobenzene	11.201	156	432489	144.279	ug/l	94
78) n-propylbenzene	11.305	91	2074209	133.915	ug/l	97
79) 2-Chlorotoluene	11.366	91	1277112	130.061	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	1526758	134.842	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	191966	172.269	ug/l	86
82) 4-Chlorotoluene	11.457	91	1472110	131.745	ug/l	96
83) tert-Butylbenzene	11.713	119	1519030	139.756	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	1551463	136.827	ug/l	98
85) sec-Butylbenzene	11.890	105	1815717	133.673	ug/l	98
86) p-Isopropyltoluene	12.006	119	1563122	137.624	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	814519	142.364	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	816983	138.618	ug/l	98
89) n-Butylbenzene	12.329	91	1339910	134.215	ug/l	98
90) Hexachloroethane	12.536	117	275595	167.725	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	781251	138.248	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	135600	149.176	ug/l	87
93) 1,2,4-Trichlorobenzene	13.591	180	491682	147.975	ug/l	99
94) Hexachlorobutadiene	13.725	225	182606	137.061	ug/l	98
95) Naphthalene	13.774	128	1692941	146.651	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	478206	144.420	ug/l	98

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

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