

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052423\
 Data File : VX035849.D
 Acq On : 24 May 2023 20:18
 Operator : JC/MD
 Sample : 02911-03MSD
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RW10-MW01D-20230522MSD

Quant Time: May 25 05:37:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051123W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 11 13:57:54 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 05/25/2023
 Supervised By : Mahesh Dadoda 05/25/2023

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	173238	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	299294	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	269253	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	129578	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	124813	41.299	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	82.600%		
35) Dibromofluoromethane	5.385	113	97011	48.063	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.120%		
50) Toluene-d8	8.646	98	349245	46.837	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	93.680%		
62) 4-Bromofluorobenzene	11.079	95	135595	45.163	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	90.320%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	96960	42.946	ug/l	100
3) Chloromethane	1.294	50	107391	39.195	ug/l	99
4) Vinyl Chloride	1.373	62	104414	44.905	ug/l	100
5) Bromomethane	1.617	94	65556	52.057	ug/l	94
6) Chloroethane	1.690	64	64392	45.648	ug/l	99
7) Trichlorofluoromethane	1.885	101	173211	50.662	ug/l	97
8) Diethyl Ether	2.129	74	62535	47.505	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.330	101	96465	47.522	ug/l	98
10) Methyl Iodide	2.452	142	108803	59.931	ug/l	97
11) Tert butyl alcohol	3.056	59	139244m	261.149	ug/l	
12) 1,1-Dichloroethene	2.318	96	91934	47.653	ug/l	96
13) Acrolein	2.245	56	174474	275.700	ug/l	99
14) Allyl chloride	2.666	41	182606	44.182	ug/l	97
15) Acrylonitrile	3.074	53	329026	280.233	ug/l	100
16) Acetone	2.410	43	301192	231.876	ug/l	97
17) Carbon Disulfide	2.513	76	198437	42.619	ug/l	100
18) Methyl Acetate	2.708	43	263280	54.959	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	350638	45.674	ug/l	98
20) Methylene Chloride	2.788	84	110770	47.054	ug/l	99
21) trans-1,2-Dichloroethene	3.093	96	101129	47.838	ug/l	96
22) Diisopropyl ether	3.757	45	377212	46.614	ug/l	98
23) Vinyl Acetate	3.720	43	1268950	221.618	ug/l	99
24) 1,1-Dichloroethane	3.611	63	198303	45.820	ug/l	98
25) 2-Butanone	4.574	43	480841	267.412	ug/l	96
26) 2,2-Dichloropropane	4.476	77	138605	37.819	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	120767	47.522	ug/l	99
28) Bromochloromethane	4.897	49	90989	46.741	ug/l	99
29) Tetrahydrofuran	5.019	42	311761	275.849	ug/l	99
30) Chloroform	5.092	83	203853	45.966	ug/l	98
31) Cyclohexane	5.470	56	170661	44.695	ug/l	97
32) 1,1,1-Trichloroethane	5.379	97	170890	44.287	ug/l	99
36) 1,1-Dichloropropene	5.690	75	145139	45.555	ug/l	99
37) Ethyl Acetate	4.714	43	168527	50.714	ug/l	99
38) Carbon Tetrachloride	5.677	117	136721	45.301	ug/l	98
39) Methylcyclohexane	7.378	83	169650	45.236	ug/l	95
40) Benzene	6.037	78	428831	48.114	ug/l	99

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41) Methacrylonitrile	4.921	41	101129	51.255	ug/l	97
42) 1,2-Dichloroethane	6.086	62	167845	43.777	ug/l	100
43) Isopropyl Acetate	6.342	43	278632	48.084	ug/l	100
44) Trichloroethene	7.122	130	109886	48.623	ug/l	99
45) 1,2-Dichloropropane	7.433	63	114725	48.601	ug/l	100
46) Dibromomethane	7.580	93	78442	48.546	ug/l	99
47) Bromodichloromethane	7.823	83	146257	46.830	ug/l	98
48) Methyl methacrylate	7.695	41	139459	48.765	ug/l	98
49) 1,4-Dioxane	7.744	88	64548m	1128.570	ug/l	
51) 4-Methyl-2-Pentanone	8.573	43	919185	275.337	ug/l	98
52) Toluene	8.720	92	269700	47.937	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	159980	47.148	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	173330	47.678	ug/l	99
55) 1,1,2-Trichloroethane	9.152	97	112058	50.710	ug/l	98
56) Ethyl methacrylate	9.116	69	178861	49.982	ug/l	99
57) 1,3-Dichloropropane	9.311	76	195251	48.741	ug/l	100
59) 2-Hexanone	9.433	43	705930	280.784	ug/l	99
60) Dibromochloromethane	9.524	129	107250	50.916	ug/l	97
61) 1,2-Dibromoethane	9.610	107	116027	49.835	ug/l	100
64) Tetrachloroethene	9.274	164	87847	48.461	ug/l	97
65) Chlorobenzene	10.079	112	287506	48.916	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.164	131	101363	48.773	ug/l	99
67) Ethyl Benzene	10.195	91	521758	47.201	ug/l	98
68) m/p-Xylenes	10.299	106	394941	96.658	ug/l	98
69) o-Xylene	10.640	106	196599	48.489	ug/l	100
70) Styrene	10.652	104	322018	49.279	ug/l	98
71) Bromoform	10.798	173	70210	51.346	ug/l #	99
73) Isopropylbenzene	10.963	105	508678	46.587	ug/l	99
74) N-amyl acetate	10.841	43	235837	46.324	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	180905	51.074	ug/l	100
76) 1,2,3-Trichloropropane	11.237	75	146802m	46.317	ug/l	
77) Bromobenzene	11.195	156	118895	47.975	ug/l	99
78) n-propylbenzene	11.304	91	600583	46.792	ug/l	100
79) 2-Chlorotoluene	11.365	91	360822	44.901	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	425109	45.808	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	47141	47.934	ug/l	91
82) 4-Chlorotoluene	11.451	91	416490	45.003	ug/l	99
83) tert-Butylbenzene	11.713	119	419710	46.527	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	434391	46.617	ug/l	99
85) sec-Butylbenzene	11.890	105	527589	46.581	ug/l	99
86) p-Isopropyltoluene	12.006	119	438274	47.068	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	226673	48.147	ug/l	100
88) 1,4-Dichlorobenzene	12.042	146	231851	48.769	ug/l	98
89) n-Butylbenzene	12.329	91	383115	45.229	ug/l	99
90) Hexachloroethane	12.536	117	67088	47.535	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	222986	48.367	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.944	75	37102	47.040	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	133809	48.203	ug/l	99
94) Hexachlorobutadiene	13.725	225	51409	46.658	ug/l	99
95) Naphthalene	13.774	128	479261	50.415	ug/l	100
96) 1,2,3-Trichlorobenzene	13.956	180	131996	48.348	ug/l	99

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

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