

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022123\
 Data File : VX034211.D
 Acq On : 21 Feb 2023 15:54
 Operator : JC/MD
 Sample : 01627-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2023

Quant Time: Feb 22 02:58:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021723W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 22 02:40:46 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/22/2023
 Supervised By : Mahesh Dadoda 02/22/2023

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	311547	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	516615	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	452305	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	209011	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	193588	46.139	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	92.280%		
35) Dibromofluoromethane	5.385	113	166858	49.606	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.220%		
50) Toluene-d8	8.647	98	615646	50.978	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	101.960%		
62) 4-Bromofluorobenzene	11.079	95	214605	46.457	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	92.920%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	1923	0.714	ug/l	88
3) Chloromethane	1.301	50	3492	0.901	ug/l	95
4) Vinyl Chloride	1.374	62	2866	0.812	ug/l	94
5) Bromomethane	1.611	94	2642	1.887	ug/l	97
6) Chloroethane	1.691	64	1863	1.050	ug/l #	88
7) Trichlorofluoromethane	1.892	101	4107	0.860	ug/l	89
8) Diethyl Ether	2.136	74	1726	0.898	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.331	101	2278	0.678	ug/l	98
10) Methyl Iodide	2.453	142	2244	0.548	ug/l	92
11) Tert butyl alcohol	2.959	59	4839	5.156	ug/l #	87
12) 1,1-Dichloroethene	2.319	96	2187	0.649	ug/l #	73
13) Acrolein	2.233	56	1738	4.057	ug/l #	43
14) Allyl chloride	2.666	41	4577	0.640	ug/l	92
15) Acrylonitrile	3.069	53	7443	3.636	ug/l	97
16) Acetone	2.380	43	7835	3.620	ug/l	97
17) Carbon Disulfide	2.514	76	6778	0.700	ug/l #	94
18) Methyl Acetate	2.709	43	4929	0.736	ug/l	93
19) Methyl tert-butyl Ether	3.111	73	9026	0.759	ug/l	96
20) Methylene Chloride	2.788	84	4048	1.038	ug/l	96
21) trans-1,2-Dichloroethene	3.099	96	2684	0.760	ug/l	96
22) Diisopropyl ether	3.770	45	9449	0.754	ug/l #	93
23) Vinyl Acetate	3.727	43	35440	3.530	ug/l	97
24) 1,1-Dichloroethane	3.611	63	4888	0.711	ug/l	97
25) 2-Butanone	4.574	43	10738	3.429	ug/l	95
26) 2,2-Dichloropropane	4.477	77	4759	0.764	ug/l	99
27) cis-1,2-Dichloroethene	4.501	96	3049	0.729	ug/l	95
28) Bromochloromethane	4.897	49	2074	0.676	ug/l #	95
29) Tetrahydrofuran	5.013	42	7194	3.766	ug/l	97
30) Chloroform	5.105	83	5265	0.797	ug/l	88
31) Cyclohexane	5.471	56	5274	0.842	ug/l	96
32) 1,1,1-Trichloroethane	5.379	97	4184	0.707	ug/l #	50
36) 1,1-Dichloropropene	5.702	75	3625	0.729	ug/l	95
37) Ethyl Acetate	4.739	43	3896	0.701	ug/l #	95
38) Carbon Tetrachloride	5.684	117	3915	0.765	ug/l	92
39) Methylcyclohexane	7.379	83	4405	0.688	ug/l	98
40) Benzene	6.044	78	10930	0.741	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.940	41	2599m	0.839	ug/l	
42) 1,2-Dichloroethane	6.092	62	4018	0.775	ug/l	100
43) Isopropyl Acetate	6.342	43	7095	0.723	ug/l	97
44) Trichloroethene	7.129	130	2710	0.716	ug/l	91
45) 1,2-Dichloropropane	7.434	63	2946	0.751	ug/l	96
46) Dibromomethane	7.592	93	2022	0.783	ug/l	85
47) Bromodichloromethane	7.824	83	3608	0.681	ug/l #	86
48) Methyl methacrylate	7.708	41	3173	0.681	ug/l	98
49) 1,4-Dioxane	7.671	88	1287	13.857	ug/l #	88
51) 4-Methyl-2-Pentanone	8.574	43	20117	3.727	ug/l	98
52) Toluene	8.726	92	6670	0.747	ug/l	97
53) t-1,3-Dichloropropene	8.988	75	3802	0.623	ug/l #	79
54) cis-1,3-Dichloropropene	8.372	75	4705	0.720	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	2816	0.781	ug/l	94
56) Ethyl methacrylate	9.116	69	3642	0.597	ug/l #	60
57) 1,3-Dichloropropane	9.311	76	4112	0.656	ug/l	90
58) 2-Chloroethyl Vinyl ether	8.251	63	8875	3.359	ug/l	94
59) 2-Hexanone	9.433	43	14836	3.607	ug/l	95
60) Dibromochloromethane	9.519	129	2833	0.711	ug/l	92
61) 1,2-Dibromoethane	9.616	107	2680	0.703	ug/l	100
64) Tetrachloroethene	9.275	164	2598	0.814	ug/l #	88
65) Chlorobenzene	10.079	112	6675	0.708	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	2434	0.667	ug/l #	62
67) Ethyl Benzene	10.195	91	12426	0.734	ug/l	96
68) m/p-Xylenes	10.299	106	9298	1.434	ug/l	97
69) o-Xylene	10.640	106	4293	0.665	ug/l	84
70) Styrene	10.659	104	7358	0.701	ug/l	98
71) Bromoform	10.799	173	1944	0.653	ug/l #	94
73) Isopropylbenzene	10.963	105	11870	0.745	ug/l	99
74) N-amyl acetate	10.842	43	6065	0.758	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	11.213	83	3995	0.733	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	3369m	0.641	ug/l	
77) Bromobenzene	11.201	156	3066	0.800	ug/l	86
78) n-propylbenzene	11.305	91	12374	0.668	ug/l	99
79) 2-Chlorotoluene	11.366	91	8829	0.777	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	9277	0.693	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	1062m	0.519	ug/l	
82) 4-Chlorotoluene	11.457	91	9540	0.737	ug/l	99
83) tert-Butylbenzene	11.713	119	9282	0.677	ug/l	90
84) 1,2,4-Trimethylbenzene	11.750	105	9129	0.674	ug/l	100
85) sec-Butylbenzene	11.890	105	11229	0.674	ug/l	99
86) p-Isopropyltoluene	12.006	119	8931	0.648	ug/l	87
87) 1,3-Dichlorobenzene	11.969	146	5388	0.749	ug/l	96
88) 1,4-Dichlorobenzene	12.043	146	5704m	0.787	ug/l	
89) n-Butylbenzene	12.335	91	7629	0.621	ug/l	97
90) Hexachloroethane	12.536	117	1866	0.647	ug/l	77
91) 1,2-Dichlorobenzene	12.341	146	5242	0.745	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.945	75	864	0.665	ug/l	74
93) 1,2,4-Trichlorobenzene	13.591	180	2890	0.640	ug/l	95
94) Hexachlorobutadiene	13.725	225	1202	0.642	ug/l	90
95) Naphthalene	13.774	128	9877	0.649	ug/l	98
96) 1,2,3-Trichlorobenzene	13.963	180	2874	0.641	ug/l	93

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

