

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030822\
 Data File : VX027338.D
 Acq On : 08 Mar 2022 17:58
 Operator : JC/MD
 Sample : N1645-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT1-2022

Quant Time: Mar 09 03:15:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X030822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 09 03:13:42 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 03/09/2022
 Supervised By : Mahesh Dadoda 03/11/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	358466	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	574280	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	528162	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	249747	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	207175	49.560	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	99.120%		
35) Dibromofluoromethane	5.391	113	185453	50.047	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	100.100%		
50) Toluene-d8	8.653	98	711325	50.846	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	101.700%		
62) 4-Bromofluorobenzene	11.079	95	257305	48.258	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	96.520%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	17594	4.788	ug/l	94
3) Chloromethane	1.294	50	19251	4.982	ug/l	99
4) Vinyl Chloride	1.374	62	19203	4.836	ug/l	93
5) Bromomethane	1.599	94	9212	5.285	ug/l	98
6) Chloroethane	1.678	64	13061	5.263	ug/l	99
7) Trichlorofluoromethane	1.880	101	26691	4.826	ug/l	99
8) Diethyl Ether	2.136	74	10245	4.754	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.325	101	17312	4.788	ug/l	94
10) Methyl Iodide	2.447	142	24353	4.772	ug/l	100
11) Tert butyl alcohol	2.971	59	19414	23.690	ug/l	100
12) 1,1-Dichloroethene	2.319	96	16698	4.804	ug/l	96
13) Acrolein	2.239	56	19753	34.387	ug/l	99
14) Allyl chloride	2.660	41	25414	4.662	ug/l	92
15) Acrylonitrile	3.068	53	51362	23.815	ug/l	100
16) Acetone	2.380	43	43613	23.752	ug/l	96
17) Carbon Disulfide	2.508	76	43043	4.558	ug/l	98
18) Methyl Acetate	2.709	43	22729	4.946	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	54931	4.770	ug/l	98
20) Methylene Chloride	2.788	84	20618	5.049	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	18461	4.779	ug/l	95
22) Diisopropyl ether	3.763	45	53362	4.896	ug/l #	86
23) Vinyl Acetate	3.727	43	210713	23.110	ug/l	98
24) 1,1-Dichloroethane	3.611	63	31445	4.752	ug/l	100
25) 2-Butanone	4.562	43	68181	23.679	ug/l	99
26) 2,2-Dichloropropane	4.483	77	20992	4.424	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	21543	4.806	ug/l	93
28) Bromochloromethane	4.903	49	12312	4.471	ug/l	93
29) Tetrahydrofuran	5.013	42	44577	23.397	ug/l	96
30) Chloroform	5.099	83	33400	4.782	ug/l	96
31) Cyclohexane	5.470	56	28980	4.956	ug/l	86
32) 1,1,1-Trichloroethane	5.385	97	27254	4.565	ug/l	99
36) 1,1-Dichloropropene	5.696	75	24340	4.731	ug/l	97
37) Ethyl Acetate	4.721	43	25345	4.673	ug/l	98
38) Carbon Tetrachloride	5.678	117	25260	4.748	ug/l #	94
39) Methylcyclohexane	7.379	83	30343	4.670	ug/l	98
40) Benzene	6.043	78	77042	4.917	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	14356	4.910	ug/l	94
42) 1,2-Dichloroethane	6.092	62	25231	4.929	ug/l	99
43) Isopropyl Acetate	6.342	43	35793	4.378	ug/l	100
44) Trichloroethene	7.129	130	20625	4.792	ug/l	97
45) 1,2-Dichloropropane	7.434	63	18546	4.723	ug/l	98
46) Dibromomethane	7.586	93	13227	4.735	ug/l	97
47) Bromodichloromethane	7.824	83	23979	4.648	ug/l	99
48) Methyl methacrylate	7.696	41	18196	4.476	ug/l	92
49) 1,4-Dioxane	7.665	88	10662	100.153	ug/l	99
51) 4-Methyl-2-Pentanone	8.574	43	129593	23.677	ug/l	97
52) Toluene	8.720	92	50043	5.009	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	21988	4.154	ug/l	96
54) cis-1,3-Dichloropropene	8.372	75	26200	4.410	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	20142	4.831	ug/l	97
56) Ethyl methacrylate	9.122	69	28032	4.559	ug/l	94
57) 1,3-Dichloropropane	9.311	76	32726	4.863	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	73748	23.753	ug/l	98
59) 2-Hexanone	9.433	43	97867	23.148	ug/l	95
60) Dibromochloromethane	9.525	129	19039	4.475	ug/l	94
61) 1,2-Dibromoethane	9.610	107	20351	4.727	ug/l	97
64) Tetrachloroethene	9.275	164	17754	4.797	ug/l	98
65) Chlorobenzene	10.079	112	53980	4.858	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	18264	4.701	ug/l	98
67) Ethyl Benzene	10.195	91	91236	4.761	ug/l	98
68) m/p-Xylenes	10.305	106	72139	9.598	ug/l	98
69) o-Xylene	10.646	106	35395	4.770	ug/l	98
70) Styrene	10.659	104	57965	4.706	ug/l	99
71) Bromoform	10.805	173	13096	4.128	ug/l #	98
73) Isopropylbenzene	10.963	105	91274	4.997	ug/l	100
74) N-amyl acetate	10.848	43	30056	4.502	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.213	83	31115	4.957	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	27058m	4.938	ug/l	
77) Bromobenzene	11.201	156	23376	5.072	ug/l	96
78) n-propylbenzene	11.305	91	100505	4.892	ug/l	99
79) 2-Chlorotoluene	11.366	91	63329	4.932	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	76646	4.894	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	6763	3.992	ug/l #	81
82) 4-Chlorotoluene	11.457	91	69074	4.755	ug/l	96
83) tert-Butylbenzene	11.719	119	77330	4.940	ug/l	98
84) 1,2,4-Trimethylbenzene	11.756	105	75929	4.889	ug/l	100
85) sec-Butylbenzene	11.890	105	92027	4.875	ug/l	99
86) p-Isopropyltoluene	12.012	119	77236	4.832	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	41320	4.772	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	43665	4.980	ug/l	95
89) n-Butylbenzene	12.335	91	60494	4.518	ug/l	97
90) Hexachloroethane	12.542	117	11180	4.488	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	41827	4.899	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	5907	4.492	ug/l	96
93) 1,2,4-Trichlorobenzene	13.591	180	25767	4.598	ug/l	99
94) Hexachlorobutadiene	13.725	225	11804	4.803	ug/l	93
95) Naphthalene	13.780	128	86843	4.616	ug/l	98
96) 1,2,3-Trichlorobenzene	13.963	180	26411	4.716	ug/l	96

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

