

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032522\
 Data File : VX027710.D
 Acq On : 25 Mar 2022 20:50
 Operator : JC/MD
 Sample : N1645-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2022

Quant Time: Mar 26 06:57:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032522W.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 26 06:55:17 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/26/2022
 Supervised By : Mahesh Dadoda 03/28/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	58220	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	106535	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	91344	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	37575	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	60753	63.623	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 127.240%			
35) Dibromofluoromethane	5.391	113	38510	55.045	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 110.100%			
50) Toluene-d8	8.653	98	141154	52.194	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 104.380%			
62) 4-Bromofluorobenzene	11.085	95	52178	47.548	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 95.100%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	261	0.386	ug/l	# 49
3) Chloromethane	1.294	50	392	0.560	ug/l	# 82
4) Vinyl Chloride	1.368	62	336	0.500	ug/l	# 43
5) Bromomethane	1.605	94	336	1.245	ug/l	# 68
6) Chloroethane	1.685	64	170	0.394	ug/l	# 43
7) Trichlorofluoromethane	1.886	101	406	0.409	ug/l	# 89
8) Diethyl Ether	2.142	74	124	0.346	ug/l	# 78
9) 1,1,2-Trichlorotrifluo...	2.325	101	195	0.294	ug/l	# 76
10) Methyl Iodide	2.453	142	485	0.748	ug/l	# 83
11) Tert butyl alcohol	2.965	59	293	1.648	ug/l	# 72
12) 1,1-Dichloroethene	2.319	96	263	0.425	ug/l	# 87
13) Acrolein	2.239	56	423	3.399	ug/l	# 76
14) Allyl chloride	2.660	41	410	0.350	ug/l	# 78
15) Acrylonitrile	3.062	53	933	2.143	ug/l	# 70
16) Acetone	2.380	43	1188	2.942	ug/l	# 81
17) Carbon Disulfide	2.514	76	978	0.589	ug/l	# 75
18) Methyl Acetate	2.709	43	386	0.374	ug/l	# 46
19) Methyl tert-butyl Ether	3.123	73	955	0.421	ug/l	# 88
20) Methylene Chloride	2.794	84	514	0.713	ug/l	# 77
21) trans-1,2-Dichloroethene	3.093	96	374	0.544	ug/l	# 80
22) Diisopropyl ether	3.763	45	1030	0.442	ug/l	# 80
23) Vinyl Acetate	3.733	43	3667	1.799	ug/l	# 80
24) 1,1-Dichloroethane	3.605	63	521	0.394	ug/l	# 81
25) 2-Butanone	4.580	43	1311	2.021	ug/l	# 91
26) 2,2-Dichloropropane	4.495	77	397	0.393	ug/l	# 52
27) cis-1,2-Dichloroethene	4.495	96	211	0.275	ug/l	# 17
28) Bromochloromethane	4.897	49	128	0.243	ug/l	# 30
29) Tetrahydrofuran	5.032	42	974	2.545	ug/l	# 59
30) Chloroform	5.093	83	640	0.484	ug/l	# 45
31) Cyclohexane	5.464	56	524	0.453	ug/l	# 36
32) 1,1,1-Trichloroethane	5.385	97	527m	0.448	ug/l	
36) 1,1-Dichloropropene	5.696	75	603	0.546	ug/l	# 48
37) Ethyl Acetate	4.727	43	366	0.285	ug/l	# 65
38) Carbon Tetrachloride	5.672	117	487m	0.451	ug/l	
39) Methylcyclohexane	7.385	83	427	0.336	ug/l	# 47
40) Benzene	6.056	78	1535	0.503	ug/l	# 75

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	147	0.218	ug/l #	29
42) 1,2-Dichloroethane	6.111	62	650	0.501	ug/l #	73
43) Isopropyl Acetate	6.348	43	880	0.453	ug/l #	68
44) Trichloroethene	7.123	130	232	0.294	ug/l	100
45) 1,2-Dichloropropane	7.434	63	335	0.418	ug/l #	42
46) Dibromomethane	7.592	93	201	0.351	ug/l #	73
47) Bromodichloromethane	7.830	83	370	0.330	ug/l #	95
48) Methyl methacrylate	7.708	41	311	0.324	ug/l #	70
49) 1,4-Dioxane	7.677	88	96	4.685	ug/l #	80
51) 4-Methyl-2-Pentanone	8.580	43	2878	2.158	ug/l #	86
52) Toluene	8.720	92	726	0.380	ug/l	83
53) t-1,3-Dichloropropene	8.994	75	500	0.449	ug/l #	43
54) cis-1,3-Dichloropropene	8.379	75	589	0.476	ug/l #	75
55) 1,1,2-Trichloroethane	9.153	97	362	0.467	ug/l #	85
56) Ethyl methacrylate	9.116	69	475	0.375	ug/l #	82
57) 1,3-Dichloropropane	9.311	76	598	0.428	ug/l	95
58) 2-Chloroethyl Vinyl ether	8.244	63	1173	1.808	ug/l #	77
59) 2-Hexanone	9.439	43	1859	1.784	ug/l	87
60) Dibromochloromethane	9.525	129	216	0.288	ug/l	61
61) 1,2-Dibromoethane	9.616	107	332	0.401	ug/l	91
64) Tetrachloroethene	9.275	164	333	0.486	ug/l #	84
65) Chlorobenzene	10.086	112	883	0.459	ug/l #	75
66) 1,1,1,2-Tetrachloroethane	10.171	131	249	0.376	ug/l #	52
67) Ethyl Benzene	10.201	91	1571	0.438	ug/l #	83
68) m/p-Xylenes	10.299	106	1090	0.839	ug/l	82
69) o-Xylene	10.640	106	590	0.452	ug/l	89
70) Styrene	10.659	104	838	0.404	ug/l #	89
71) Bromoform	10.805	173	166	0.346	ug/l #	29
73) Isopropylbenzene	10.963	105	1451	0.470	ug/l	82
74) N-amyl acetate	10.848	43	605	0.408	ug/l #	67
75) 1,1,2,2-Tetrachloroethane	11.213	83	395	0.363	ug/l #	91
76) 1,2,3-Trichloropropane	11.244	75	455m	0.435	ug/l	
77) Bromobenzene	11.201	156	330	0.484	ug/l	71
78) n-propylbenzene	11.305	91	1738	0.475	ug/l	98
79) 2-Chlorotoluene	11.372	91	1257	0.545	ug/l	86
80) 1,3,5-Trimethylbenzene	11.451	105	1095	0.413	ug/l	98
82) 4-Chlorotoluene	11.463	91	1197	0.451	ug/l	91
83) tert-Butylbenzene	11.719	119	1136	0.466	ug/l	86
84) 1,2,4-Trimethylbenzene	11.756	105	1180	0.438	ug/l	85
85) sec-Butylbenzene	11.896	105	1310	0.410	ug/l	96
86) p-Isopropyltoluene	12.012	119	1077	0.429	ug/l #	78
87) 1,3-Dichlorobenzene	11.969	146	706	0.554	ug/l	85
88) 1,4-Dichlorobenzene	12.042	146	590m	0.447	ug/l	
89) n-Butylbenzene	12.335	91	912	0.383	ug/l	94
91) 1,2-Dichlorobenzene	12.341	146	541	0.438	ug/l	85
93) 1,2,4-Trichlorobenzene	13.597	180	375	0.515	ug/l	88
94) Hexachlorobutadiene	13.725	225	180	0.507	ug/l #	44
95) Naphthalene	13.780	128	1077	0.402	ug/l #	95
96) 1,2,3-Trichlorobenzene	13.969	180	339	0.465	ug/l	87

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

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