

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091222\
 Data File : VX031275.D
 Acq On : 12 Sep 2022 13:39
 Operator : JC/MD
 Sample : VX0912WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0912WBS01

Quant Time: Sep 13 01:34:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090722W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 07 23:22:41 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	52393	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	74732	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	82920	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	56599	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	65483	52.791	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 105.580%	
35) Dibromofluoromethane	5.391	113	44291	54.386	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 108.780%	
50) Toluene-d8	8.647	98	151365	51.157	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 102.320%	
62) 4-Bromofluorobenzene	11.079	95	59885	55.229	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 110.460%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	15679	18.622	ug/l	99
3) Chloromethane	1.288	50	9904	15.308	ug/l	94
4) Vinyl Chloride	1.368	62	13369	17.504	ug/l	98
5) Bromomethane	1.605	94	11900	24.386	ug/l	91
6) Chloroethane	1.685	64	8651	20.191	ug/l	96
7) Trichlorofluoromethane	1.886	101	36753	22.084	ug/l	97
8) Diethyl Ether	2.130	74	9436	19.961	ug/l	65
9) 1,1,2-Trichlorotrifluo...	2.325	101	15530	16.501	ug/l	90
10) Methyl Iodide	2.447	142	18519	15.913	ug/l	# 82
11) Tert butyl alcohol	2.971	59	21302	77.599	ug/l	95
12) 1,1-Dichloroethene	2.319	96	14127	15.970	ug/l	98
13) Acrolein	2.239	56	11994	69.622	ug/l	97
14) Allyl chloride	2.660	41	16842	14.173	ug/l	# 63
15) Acrylonitrile	3.062	53	36228	76.701	ug/l	95
16) Acetone	2.386	43	38975	90.746	ug/l	90
17) Carbon Disulfide	2.508	76	33425	15.369	ug/l	99
18) Methyl Acetate	2.703	43	16325	14.682	ug/l	# 85
19) Methyl tert-butyl Ether	3.117	73	56070	17.846	ug/l	# 85
20) Methylene Chloride	2.788	84	15905	15.756	ug/l	# 83
21) trans-1,2-Dichloroethene	3.087	96	15429	15.742	ug/l	94
22) Diisopropyl ether	3.770	45	34284	13.739	ug/l	# 78
23) Vinyl Acetate	3.721	43	159874	76.331	ug/l	# 88
24) 1,1-Dichloroethane	3.611	63	26264	15.868	ug/l	96
25) 2-Butanone	4.556	43	49866	78.383	ug/l	# 86
26) 2,2-Dichloropropane	4.483	77	31825	21.488	ug/l	88
27) cis-1,2-Dichloroethene	4.495	96	18388	16.341	ug/l	98
28) Bromochloromethane	4.897	49	9413	15.684	ug/l	# 51
29) Tetrahydrofuran	5.013	42	26546	70.676	ug/l	# 62
30) Chloroform	5.099	83	34780	17.765	ug/l	96
31) Cyclohexane	5.471	56	18947	13.669	ug/l	# 81
32) 1,1,1-Trichloroethane	5.379	97	36846	20.881	ug/l	94
36) 1,1-Dichloropropene	5.690	75	23560	19.318	ug/l	98
37) Ethyl Acetate	4.721	43	18374	16.983	ug/l	# 94
38) Carbon Tetrachloride	5.678	117	35479	27.649	ug/l	96
39) Methylcyclohexane	7.385	83	26377	18.937	ug/l	92
40) Benzene	6.037	78	60806	18.353	ug/l	97

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	9811	17.342	ug/l #	85
42) 1,2-Dichloroethane	6.092	62	31929	23.539	ug/l	93
43) Isopropyl Acetate	6.342	43	29393	17.231	ug/l #	93
44) Trichloroethene	7.123	130	18504	19.869	ug/l	97
45) 1,2-Dichloropropane	7.434	63	13275	16.304	ug/l	97
46) Dibromomethane	7.586	93	12823	19.861	ug/l	95
47) Bromodichloromethane	7.824	83	28338	22.564	ug/l	98
48) Methyl methacrylate	7.696	41	15096	18.173	ug/l #	83
49) 1,4-Dioxane	7.671	88	9695	422.784	ug/l	87
51) 4-Methyl-2-Pentanone	8.574	43	98728	94.516	ug/l	91
52) Toluene	8.720	92	43498	19.906	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	29689	22.692	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	29083	20.705	ug/l	93
55) 1,1,2-Trichloroethane	9.153	97	17820	19.835	ug/l	94
56) Ethyl methacrylate	9.116	69	25424	19.208	ug/l #	90
57) 1,3-Dichloropropane	9.311	76	28329	18.249	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.244	63	50955	81.682	ug/l #	79
59) 2-Hexanone	9.433	43	79758	100.969	ug/l	96
60) Dibromochloromethane	9.525	129	23656	25.540	ug/l	98
61) 1,2-Dibromoethane	9.610	107	19985	20.017	ug/l	99
64) Tetrachloroethene	9.275	164	19149	22.183	ug/l	97
65) Chlorobenzene	10.079	112	48949	20.050	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.165	131	21530	22.578	ug/l	91
67) Ethyl Benzene	10.195	91	88870	20.087	ug/l	100
68) m/p-Xylenes	10.305	106	65983	40.232	ug/l	87
69) o-Xylene	10.640	106	33929	20.729	ug/l	89
70) Styrene	10.659	104	55147	21.010	ug/l #	93
71) Bromoform	10.799	173	16902	26.602	ug/l #	99
73) Isopropylbenzene	10.963	105	93366	18.997	ug/l	98
74) N-amyl acetate	10.841	43	25576	16.345	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	11.213	83	24898	16.228	ug/l	97
76) 1,2,3-Trichloropropane	11.244	75	25689m	16.631	ug/l	
77) Bromobenzene	11.201	156	21633	20.252	ug/l	94
78) n-propylbenzene	11.305	91	103128	18.408	ug/l	99
79) 2-Chlorotoluene	11.366	91	63308	18.240	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	81529	19.732	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.018	75	8470	17.683	ug/l #	77
82) 4-Chlorotoluene	11.457	91	76725	19.106	ug/l	94
83) tert-Butylbenzene	11.713	119	79032	19.403	ug/l	92
84) 1,2,4-Trimethylbenzene	11.756	105	80738	20.100	ug/l	94
85) sec-Butylbenzene	11.890	105	95901	19.010	ug/l	100
86) p-Isopropyltoluene	12.012	119	85652	21.017	ug/l	94
87) 1,3-Dichlorobenzene	11.969	146	40130	20.214	ug/l	96
88) 1,4-Dichlorobenzene	12.042	146	40859	20.013	ug/l	96
89) n-Butylbenzene	12.335	91	68764	19.570	ug/l	98
90) Hexachloroethane	12.542	117	15456	22.073	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	39428	20.252	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.945	75	7999	18.984	ug/l	90
93) 1,2,4-Trichlorobenzene	13.591	180	24396	21.428	ug/l	98
94) Hexachlorobutadiene	13.725	225	11030	22.815	ug/l	90
95) Naphthalene	13.780	128	88392	19.819	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	25119	21.671	ug/l	98

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

