

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090822\
 Data File : VX031235.D
 Acq On : 09 Sep 2022 00:29
 Operator : JC/MD
 Sample : VX0908WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0908WBSD01

Quant Time: Sep 09 01:13:10 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

Manual Integrations APPROVED

Reviewed By :Krupa Patel 09/09/2022
 Supervised By :Mahesh Dadoda 09/09/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	40153	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	68031	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	71638	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	43995	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	58595	61.637	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 123.280%			
35) Dibromofluoromethane	5.391	113	38178	51.498	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.000%			
50) Toluene-d8	8.653	98	130914	48.604	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 97.200%			
62) 4-Bromofluorobenzene	11.079	95	52782	53.473	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 106.940%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.167	85	14518	22.499	ug/l	93
3) Chloromethane	1.288	50	9057	18.266	ug/l	94
4) Vinyl Chloride	1.374	62	11233	19.191	ug/l	97
5) Bromomethane	1.605	94	8284	22.151	ug/l	81
6) Chloroethane	1.679	64	8522	25.954	ug/l	97
7) Trichlorofluoromethane	1.886	101	30294	23.751	ug/l	95
8) Diethyl Ether	2.136	74	7815	21.572	ug/l	84
9) 1,1,2-Trichlorotrifluo...	2.325	101	14714	20.400	ug/l	95
10) Methyl Iodide	2.453	142	15826	17.745	ug/l	# 81
11) Tert butyl alcohol	2.983	59	23727	126.298	ug/l	99
12) 1,1-Dichloroethene	2.319	96	13856	20.439	ug/l	94
13) Acrolein	2.240	56	11863	89.853	ug/l	100
14) Allyl chloride	2.660	41	16864	18.517	ug/l	# 67
15) Acrylonitrile	3.069	53	35715	98.665	ug/l	98
16) Acetone	2.386	43	37612	114.267	ug/l	# 86
17) Carbon Disulfide	2.508	76	31677	19.006	ug/l	96
18) Methyl Acetate	2.709	43	16726	19.629	ug/l	# 84
19) Methyl tert-butyl Ether	3.117	73	54320	22.559	ug/l	# 88
20) Methylene Chloride	2.788	84	14451	18.679	ug/l	95
21) trans-1,2-Dichloroethene	3.093	96	14344	19.096	ug/l	94
22) Diisopropyl ether	3.764	45	35263	18.439	ug/l	# 91
23) Vinyl Acetate	3.721	43	156152	97.280	ug/l	# 92
24) 1,1-Dichloroethane	3.611	63	25803	20.342	ug/l	97
25) 2-Butanone	4.562	43	47754	97.945	ug/l	# 86
26) 2,2-Dichloropropane	4.483	77	21986	19.370	ug/l	90
27) cis-1,2-Dichloroethene	4.489	96	17220	19.968	ug/l	100
28) Bromochloromethane	4.898	49	9199	20.000	ug/l	# 71
29) Tetrahydrofuran	5.013	42	26700	92.755	ug/l	# 74
30) Chloroform	5.093	83	32930	21.947	ug/l	97
31) Cyclohexane	5.471	56	19201	18.075	ug/l	86
32) 1,1,1-Trichloroethane	5.391	97	32434	23.984	ug/l	97
36) 1,1-Dichloropropene	5.690	75	21783	19.620	ug/l	95
37) Ethyl Acetate	4.715	43	18060	18.336	ug/l	98
38) Carbon Tetrachloride	5.672	117	28834	24.684	ug/l	95
39) Methylcyclohexane	7.385	83	23741	18.723	ug/l	94
40) Benzene	6.044	78	56391	18.697	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	10201	19.808	ug/l #	86
42) 1,2-Dichloroethane	6.086	62	30192	24.450	ug/l	90
43) Isopropyl Acetate	6.349	43	30101	19.384	ug/l #	96
44) Trichloroethene	7.129	130	15917	18.775	ug/l	83
45) 1,2-Dichloropropane	7.434	63	13385	18.059	ug/l	90
46) Dibromomethane	7.586	93	12007	20.429	ug/l	93
47) Bromodichloromethane	7.824	83	25801	22.567	ug/l #	97
48) Methyl methacrylate	7.696	41	15572	20.593	ug/l #	88
49) 1,4-Dioxane	7.684	88	8618	412.835	ug/l	95
51) 4-Methyl-2-Pentanone	8.574	43	94665	99.553	ug/l	94
52) Toluene	8.720	92	36796	18.497	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	25738	21.610	ug/l	95
54) cis-1,3-Dichloropropene	8.366	75	25140	19.661	ug/l	94
55) 1,1,2-Trichloroethane	9.153	97	16075	19.655	ug/l	98
56) Ethyl methacrylate	9.122	69	23956	19.882	ug/l	93
57) 1,3-Dichloropropane	9.311	76	27295	19.315	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.245	63	49748	87.603	ug/l	90
59) 2-Hexanone	9.433	43	73061	101.601	ug/l	96
60) Dibromochloromethane	9.525	129	18446	21.877	ug/l	95
61) 1,2-Dibromoethane	9.610	107	17400	19.145	ug/l	100
64) Tetrachloroethene	9.275	164	14246	19.103	ug/l	93
65) Chlorobenzene	10.080	112	39729	18.836	ug/l	94
66) 1,1,1,2-Tetrachloroethane	10.165	131	17260	20.950	ug/l	93
67) Ethyl Benzene	10.195	91	77533	20.284	ug/l	95
68) m/p-Xylenes	10.305	106	54169	38.231	ug/l	77
69) o-Xylene	10.640	106	27682	19.575	ug/l	79
70) Styrene	10.659	104	46666	20.579	ug/l #	90
71) Bromoform	10.799	173	12227	22.275	ug/l #	98
73) Isopropylbenzene	10.964	105	76611	20.053	ug/l	98
74) N-amyl acetate	10.848	43	24608	20.232	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	11.214	83	22718	19.049	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	22733m	18.933	ug/l	
77) Bromobenzene	11.201	156	16272	19.597	ug/l	91
78) n-propylbenzene	11.305	91	87046	19.989	ug/l	98
79) 2-Chlorotoluene	11.366	91	54975	20.377	ug/l	93
80) 1,3,5-Trimethylbenzene	11.451	105	67310	20.957	ug/l	90
81) trans-1,4-Dichloro-2-b...	11.018	75	7400	19.875	ug/l	87
82) 4-Chlorotoluene	11.457	91	64540	20.676	ug/l	92
83) tert-Butylbenzene	11.713	119	63401	20.025	ug/l	88
84) 1,2,4-Trimethylbenzene	11.750	105	66478	21.291	ug/l	90
85) sec-Butylbenzene	11.890	105	79349	20.236	ug/l	98
86) p-Isopropyltoluene	12.012	119	66205	20.899	ug/l	91
87) 1,3-Dichlorobenzene	11.969	146	30138	19.530	ug/l	94
88) 1,4-Dichlorobenzene	12.043	146	30079	18.954	ug/l	94
89) n-Butylbenzene	12.335	91	55532	20.332	ug/l	97
90) Hexachloroethane	12.543	117	11391	20.928	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	31270	20.663	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.945	75	7399	22.590	ug/l	77
93) 1,2,4-Trichlorobenzene	13.585	180	18944	21.406	ug/l	96
94) Hexachlorobutadiene	13.725	225	7539	20.062	ug/l	94
95) Naphthalene	13.774	128	75226	21.699	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	19589	21.741	ug/l	99

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

