

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051223\
 Data File : VX035632.D
 Acq On : 12 May 2023 12:58
 Operator : JC/MD
 Sample : VX0512WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0512WBSD01

Quant Time: May 15 01:54:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051123W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 11 13:57:54 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	204599	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	376493	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	337737	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	158640	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	206253	57.785	ug/l	0.00
Spiked Amount 50.000	Range	78 - 117	Recovery	=	115.580%	
35) Dibromofluoromethane	5.385	113	136296	53.680	ug/l	0.00
Spiked Amount 50.000	Range	75 - 124	Recovery	=	107.360%	
50) Toluene-d8	8.647	98	483148	51.509	ug/l	0.00
Spiked Amount 50.000	Range	92 - 112	Recovery	=	103.020%	
62) 4-Bromofluorobenzene	11.079	95	197637	52.330	ug/l	0.00
Spiked Amount 50.000	Range	83 - 123	Recovery	=	104.660%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	48674	18.254	ug/l	99
3) Chloromethane	1.294	50	55729	17.222	ug/l	94
4) Vinyl Chloride	1.374	62	50066	18.231	ug/l	98
5) Bromomethane	1.617	94	32413	21.793	ug/l	97
6) Chloroethane	1.691	64	32592	19.563	ug/l	98
7) Trichlorofluoromethane	1.886	101	74515	18.454	ug/l	98
8) Diethyl Ether	2.136	74	34317	22.073	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.331	101	44501	18.562	ug/l	95
10) Methyl Iodide	2.453	142	45654	21.293	ug/l	91
11) Tert butyl alcohol	3.014	59	73453	116.644	ug/l	# 94
12) 1,1-Dichloroethene	2.319	96	41330	18.139	ug/l	88
13) Acrolein	2.239	56	65728	87.942	ug/l	100
14) Allyl chloride	2.666	41	94817	19.425	ug/l	95
15) Acrylonitrile	3.068	53	161095	116.175	ug/l	98
16) Acetone	2.398	43	174329	113.638	ug/l	94
17) Carbon Disulfide	2.514	76	93186	16.946	ug/l	98
18) Methyl Acetate	2.709	43	130958	23.147	ug/l	97
19) Methyl tert-butyl Ether	3.111	73	197092	21.738	ug/l	99
20) Methylene Chloride	2.788	84	56829	20.440	ug/l	95
21) trans-1,2-Dichloroethene	3.093	96	48871	19.575	ug/l	93
22) Diisopropyl ether	3.757	45	201989	21.135	ug/l	98
23) Vinyl Acetate	3.721	43	753746	111.462	ug/l	97
24) 1,1-Dichloroethane	3.611	63	103413	20.232	ug/l	98
25) 2-Butanone	4.568	43	247890	116.729	ug/l	99
26) 2,2-Dichloropropane	4.471	77	80360	18.566	ug/l	96
27) cis-1,2-Dichloroethene	4.489	96	60686	20.220	ug/l	94
28) Bromochloromethane	4.903	49	61067	26.562	ug/l	# 95
29) Tetrahydrofuran	5.019	42	157009	117.629	ug/l	98
30) Chloroform	5.092	83	105728	20.186	ug/l	98
31) Cyclohexane	5.476	56	80869	17.933	ug/l	98
32) 1,1,1-Trichloroethane	5.379	97	85491	18.759	ug/l	98
36) 1,1-Dichloropropene	5.696	75	70638	17.625	ug/l	98
37) Ethyl Acetate	4.714	43	94758	22.668	ug/l	99
38) Carbon Tetrachloride	5.678	117	67939	17.895	ug/l	97
39) Methylcyclohexane	7.379	83	81995	17.380	ug/l	92
40) Benzene	6.037	78	217477	19.397	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	53505	21.557	ug/l	97
42) 1,2-Dichloroethane	6.086	62	100319	20.800	ug/l	97
43) Isopropyl Acetate	6.336	43	157369	21.589	ug/l	99
44) Trichloroethene	7.123	130	52008	18.294	ug/l	93
45) 1,2-Dichloropropane	7.427	63	59726	20.114	ug/l	95
46) Dibromomethane	7.580	93	41508	20.421	ug/l	95
47) Bromodichloromethane	7.824	83	77268	19.668	ug/l	95
48) Methyl methacrylate	7.690	41	78680	21.871	ug/l	95
49) 1,4-Dioxane	7.726	88	31939	416.811	ug/l #	78
51) 4-Methyl-2-Pentanone	8.574	43	480830	114.497	ug/l	98
52) Toluene	8.720	92	133954	18.927	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	83473	19.556	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	93020	20.341	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	58675	21.108	ug/l	97
56) Ethyl methacrylate	9.116	69	96288	21.390	ug/l	96
57) 1,3-Dichloropropane	9.305	76	105863	21.008	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	213300	93.143	ug/l	99
59) 2-Hexanone	9.427	43	369106	116.709	ug/l	98
60) Dibromochloromethane	9.518	129	52766	19.914	ug/l	100
61) 1,2-Dibromoethane	9.610	107	60440	20.637	ug/l	99
64) Tetrachloroethene	9.275	164	39684	17.453	ug/l	95
65) Chlorobenzene	10.079	112	142217	19.290	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	51535	19.769	ug/l	99
67) Ethyl Benzene	10.195	91	260942	18.819	ug/l	98
68) m/p-Xylenes	10.299	106	194311	37.913	ug/l	94
69) o-Xylene	10.640	106	96564	18.987	ug/l	92
70) Styrene	10.652	104	160498	19.581	ug/l	97
71) Bromoform	10.799	173	32401	18.891	ug/l #	99
73) Isopropylbenzene	10.963	105	249718	18.680	ug/l	98
74) N-amyl acetate	10.841	43	128615	20.635	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	90852	20.951	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	89035m	22.945	ug/l	
77) Bromobenzene	11.195	156	58643	19.328	ug/l	92
78) n-propylbenzene	11.305	91	294743	18.757	ug/l	97
79) 2-Chlorotoluene	11.366	91	185260	18.830	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	216113	19.021	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	23122	19.204	ug/l #	83
82) 4-Chlorotoluene	11.451	91	212895	18.790	ug/l	98
83) tert-Butylbenzene	11.713	119	207273	18.768	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	217611	19.075	ug/l	97
85) sec-Butylbenzene	11.890	105	255957	18.459	ug/l	99
86) p-Isopropyltoluene	12.006	119	210696	18.482	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	106752	18.521	ug/l	97
88) 1,4-Dichlorobenzene	12.042	146	110679	19.016	ug/l	97
89) n-Butylbenzene	12.329	91	187074	18.039	ug/l	98
90) Hexachloroethane	12.536	117	29939	17.327	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	108125	19.157	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	20115	20.831	ug/l	89
93) 1,2,4-Trichlorobenzene	13.585	180	64307	18.922	ug/l	98
94) Hexachlorobutadiene	13.725	225	23163	17.171	ug/l	99
95) Naphthalene	13.774	128	248808	21.378	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	65119	19.482	ug/l	98

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

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