

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051223\
 Data File : VX035629.D
 Acq On : 12 May 2023 11:48
 Operator : JC/MD
 Sample : VX0512WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0512WBS01

Quant Time: May 15 01:52:59 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	240405	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	418468	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	371466	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	175714	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	213140	50.821	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 101.640%	
35) Dibromofluoromethane	5.379	113	143979	51.018	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.040%	
50) Toluene-d8	8.647	98	531036	50.935	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 101.880%	
62) 4-Bromofluorobenzene	11.079	95	218825	52.128	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 104.260%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.167	85	57924	18.488	ug/l	98
3) Chloromethane	1.295	50	63418	16.679	ug/l	98
4) Vinyl Chloride	1.374	62	59139	18.328	ug/l	97
5) Bromomethane	1.618	94	36029	20.617	ug/l	92
6) Chloroethane	1.691	64	36712	18.754	ug/l	98
7) Trichlorofluoromethane	1.886	101	86870	18.310	ug/l	95
8) Diethyl Ether	2.130	74	35015	19.168	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.331	101	53756	19.083	ug/l	95
10) Methyl Iodide	2.453	142	49168	19.516	ug/l	# 90
11) Tert butyl alcohol	3.014	59	76092	102.837	ug/l	95
12) 1,1-Dichloroethene	2.319	96	48619	18.160	ug/l	90
13) Acrolein	2.240	56	69345	78.963	ug/l	99
14) Allyl chloride	2.660	41	104794	18.271	ug/l	95
15) Acrylonitrile	3.069	53	165591	101.631	ug/l	98
16) Acetone	2.398	43	195956	108.711	ug/l	95
17) Carbon Disulfide	2.514	76	113454	17.559	ug/l	99
18) Methyl Acetate	2.703	43	133072	20.017	ug/l	97
19) Methyl tert-butyl Ether	3.111	73	201893	18.951	ug/l	99
20) Methylene Chloride	2.788	84	59134	18.101	ug/l	93
21) trans-1,2-Dichloroethene	3.093	96	55363	18.872	ug/l	97
22) Diisopropyl ether	3.758	45	212553	18.928	ug/l	96
23) Vinyl Acetate	3.721	43	774599	97.485	ug/l	97
24) 1,1-Dichloroethane	3.605	63	113308	18.866	ug/l	97
25) 2-Butanone	4.562	43	260892	104.554	ug/l	96
26) 2,2-Dichloropropane	4.471	77	94404	18.562	ug/l	95
27) cis-1,2-Dichloroethene	4.483	96	64116	18.181	ug/l	92
28) Bromochloromethane	4.898	49	64527	23.886	ug/l	93
29) Tetrahydrofuran	5.013	42	156334	99.679	ug/l	99
30) Chloroform	5.093	83	115575	18.779	ug/l	94
31) Cyclohexane	5.465	56	98742	18.635	ug/l	93
32) 1,1,1-Trichloroethane	5.379	97	99132	18.513	ug/l	99
36) 1,1-Dichloropropene	5.690	75	83214	18.680	ug/l	97
37) Ethyl Acetate	4.715	43	95081	20.464	ug/l	99
38) Carbon Tetrachloride	5.672	117	77698	18.413	ug/l	96
39) Methylcyclohexane	7.379	83	100652	19.195	ug/l	96
40) Benzene	6.038	78	238756	19.159	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	54162	19.633	ug/l	97
42) 1,2-Dichloroethane	6.086	62	103379	19.285	ug/l	97
43) Isopropyl Acetate	6.336	43	158423	19.553	ug/l	99
44) Trichloroethene	7.123	130	59533	18.840	ug/l	95
45) 1,2-Dichloropropane	7.428	63	63198	19.148	ug/l	98
46) Dibromomethane	7.580	93	43573	19.287	ug/l	96
47) Bromodichloromethane	7.818	83	82665	18.931	ug/l	96
48) Methyl methacrylate	7.690	41	78140	19.542	ug/l	97
49) 1,4-Dioxane	7.720	88	31312	366.222	ug/l #	76
51) 4-Methyl-2-Pentanone	8.574	43	491785	105.359	ug/l	97
52) Toluene	8.720	92	148771	18.912	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	91711	19.331	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	99009	19.479	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	60321	19.523	ug/l	98
56) Ethyl methacrylate	9.116	69	96343	19.255	ug/l	95
57) 1,3-Dichloropropane	9.305	76	109003	19.461	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	219444	86.214	ug/l	99
59) 2-Hexanone	9.427	43	378946	107.801	ug/l	99
60) Dibromochloromethane	9.519	129	56292	19.114	ug/l	100
61) 1,2-Dibromoethane	9.610	107	62947	19.337	ug/l	99
64) Tetrachloroethene	9.275	164	46667	18.660	ug/l	94
65) Chlorobenzene	10.080	112	157299	19.399	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	54140	18.883	ug/l	99
67) Ethyl Benzene	10.189	91	293991	19.278	ug/l	95
68) m/p-Xylenes	10.299	106	218772	38.810	ug/l	94
69) o-Xylene	10.640	106	109423	19.562	ug/l	95
70) Styrene	10.653	104	177862	19.729	ug/l	98
71) Bromoform	10.799	173	35425	18.778	ug/l #	100
73) Isopropylbenzene	10.964	105	283739	19.163	ug/l	98
74) N-amyl acetate	10.842	43	134548	19.489	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.214	83	94734	19.723	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	92622m	21.550	ug/l	
77) Bromobenzene	11.195	156	63485	18.890	ug/l	91
78) n-propylbenzene	11.305	91	340309	19.552	ug/l	97
79) 2-Chlorotoluene	11.366	91	211802	19.436	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	249728	19.844	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	24814	18.607	ug/l #	84
82) 4-Chlorotoluene	11.451	91	245037	19.525	ug/l	96
83) tert-Butylbenzene	11.713	119	234879	19.201	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	247420	19.581	ug/l	97
85) sec-Butylbenzene	11.890	105	298766	19.452	ug/l	97
86) p-Isopropyltoluene	12.006	119	249001	19.720	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	120503	18.875	ug/l	97
88) 1,4-Dichlorobenzene	12.043	146	122532	19.007	ug/l	97
89) n-Butylbenzene	12.329	91	223373	19.447	ug/l	99
90) Hexachloroethane	12.536	117	36174	18.901	ug/l	90
91) 1,2-Dichlorobenzene	12.335	146	120999	19.354	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	20922	19.561	ug/l	91
93) 1,2,4-Trichlorobenzene	13.585	180	73509	19.528	ug/l	97
94) Hexachlorobutadiene	13.725	225	27934	18.696	ug/l	98
95) Naphthalene	13.774	128	259741	20.149	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	71670	19.359	ug/l	98

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

