

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051223\
 Data File : VX035648.D
 Acq On : 12 May 2023 19:11
 Operator : JC/MD
 Sample : 02643-07MS
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FSND-PRO-07-90-05032023MS

Quant Time: May 15 02:02:28 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	204435	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	375669	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	338769	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	154404	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	155442	43.585	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	87.160%
35) Dibromofluoromethane	5.391	113	106809	42.159	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	84.320%
50) Toluene-d8	8.647	98	383640	40.990	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	81.980%#
62) 4-Bromofluorobenzene	11.079	95	155214	41.187	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	82.380%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	126273	47.394	ug/l	99
3) Chloromethane	1.294	50	143528	44.391	ug/l	99
4) Vinyl Chloride	1.374	62	134522	49.025	ug/l	98
5) Bromomethane	1.611	94	71839	48.341	ug/l	96
6) Chloroethane	1.691	64	78632	47.237	ug/l	98
7) Trichlorofluoromethane	1.886	101	197978	49.070	ug/l	99
8) Diethyl Ether	2.130	74	76201	49.053	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.331	101	111258	46.446	ug/l	95
10) Methyl Iodide	2.453	142	112182	52.363	ug/l	90
11) Tert butyl alcohol	2.995	59	146701m	233.149	ug/l	
12) 1,1-Dichloroethene	2.319	96	110538	48.553	ug/l	88
13) Acrolein	2.239	56	191769	256.787	ug/l	99
14) Allyl chloride	2.666	41	227150	46.572	ug/l	94
15) Acrylonitrile	3.068	53	373724	269.730	ug/l	98
16) Acetone	2.392	43	350668	228.769	ug/l	94
17) Carbon Disulfide	2.514	76	251324	45.741	ug/l	99
18) Methyl Acetate	2.709	43	307173	54.337	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	439027	48.460	ug/l	98
20) Methylene Chloride	2.788	84	129871	46.749	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	120365	48.249	ug/l	95
22) Diisopropyl ether	3.757	45	458841	48.048	ug/l	99
23) Vinyl Acetate	3.721	43	1684108	249.241	ug/l	97
24) 1,1-Dichloroethane	3.611	63	246252	48.216	ug/l	98
25) 2-Butanone	4.562	43	548275	258.384	ug/l	99
26) 2,2-Dichloropropane	4.477	77	172832	39.961	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	142627	47.560	ug/l	94
28) Bromochloromethane	4.903	49	102868	44.779	ug/l	95
29) Tetrahydrofuran	5.007	42	353015	264.686	ug/l	99
30) Chloroform	5.092	83	255735	48.865	ug/l	99
31) Cyclohexane	5.470	56	210115	46.631	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	217026	47.661	ug/l	97
36) 1,1-Dichloropropene	5.696	75	182126	45.543	ug/l	97
37) Ethyl Acetate	4.714	43	214456	51.415	ug/l	100
38) Carbon Tetrachloride	5.678	117	175006	46.197	ug/l	99
39) Methylcyclohexane	7.379	83	205743	43.706	ug/l	93
40) Benzene	6.037	78	518705	46.365	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	125332	50.608	ug/l	96
42) 1,2-Dichloroethane	6.086	62	225860	46.932	ug/l	97
43) Isopropyl Acetate	6.342	43	359642	49.446	ug/l	99
44) Trichloroethene	7.123	130	567198	199.951	ug/l	90
45) 1,2-Dichloropropane	7.433	63	139646	47.131	ug/l	100
46) Dibromomethane	7.580	93	96343	47.503	ug/l	94
47) Bromodichloromethane	7.824	83	185545	47.332	ug/l	96
48) Methyl methacrylate	7.689	41	179495	50.005	ug/l	96
49) 1,4-Dioxane	7.702	88	57695	778.150	ug/l	96
51) 4-Methyl-2-Pentanone	8.573	43	1099530	262.398	ug/l	98
52) Toluene	8.720	92	324096	45.894	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	199957	46.949	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	215540	47.235	ug/l	93
55) 1,1,2-Trichloroethane	9.153	97	133593	48.165	ug/l	98
56) Ethyl methacrylate	9.116	69	222301	49.491	ug/l	97
57) 1,3-Dichloropropane	9.311	76	237852	47.304	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	575556	251.883	ug/l	98
59) 2-Hexanone	9.433	43	825925	261.725	ug/l	98
60) Dibromochloromethane	9.518	129	128302	48.527	ug/l	100
61) 1,2-Dibromoethane	9.610	107	139595	47.769	ug/l	100
64) Tetrachloroethene	9.275	164	97239	42.635	ug/l	95
65) Chlorobenzene	10.079	112	335442	45.361	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	123594	47.267	ug/l	98
67) Ethyl Benzene	10.195	91	631423	45.400	ug/l	97
68) m/p-Xylenes	10.299	106	473454	92.096	ug/l	96
69) o-Xylene	10.640	106	233533	45.779	ug/l	94
70) Styrene	10.652	104	384524	46.770	ug/l	98
71) Bromoform	10.799	173	81760	47.523	ug/l #	100
73) Isopropylbenzene	10.963	105	619046	47.579	ug/l	98
74) N-amyl acetate	10.841	43	299389	49.352	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	208265	49.344	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	204530m	54.155	ug/l	
77) Bromobenzene	11.195	156	135477	45.876	ug/l	90
78) n-propylbenzene	11.305	91	718268	46.963	ug/l	98
79) 2-Chlorotoluene	11.366	91	440454	45.997	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	516702	46.725	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	55718	47.546	ug/l	87
82) 4-Chlorotoluene	11.457	91	510415	46.284	ug/l	97
83) tert-Butylbenzene	11.713	119	508838	47.338	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	518643	46.710	ug/l	97
85) sec-Butylbenzene	11.890	105	623295	46.183	ug/l	98
86) p-Isopropyltoluene	12.006	119	512878	46.224	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	252268	44.968	ug/l	97
88) 1,4-Dichlorobenzene	12.042	146	254564	44.937	ug/l	98
89) n-Butylbenzene	12.329	91	461252	45.698	ug/l	98
90) Hexachloroethane	12.542	117	77858	46.296	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	250320	45.566	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	49199	52.348	ug/l	91
93) 1,2,4-Trichlorobenzene	13.585	180	145635	44.028	ug/l	97
94) Hexachlorobutadiene	13.725	225	54980	41.876	ug/l	97
95) Naphthalene	13.774	128	552957	48.814	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	147064	45.206	ug/l	99

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

