

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092223\
 Data File : VX037866.D
 Acq On : 22 Sep 2023 10:08
 Operator : JC/MD
 Sample : VX0922WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0922WBS01

Quant Time: Sep 23 01:20:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091523W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 16 04:55:44 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	242818	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	400874	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	384114	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	208426	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	164220	51.475	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 102.960%	
35) Dibromofluoromethane	5.391	113	140523	52.390	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.780%	
50) Toluene-d8	8.647	98	521855	52.362	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 104.720%	
62) 4-Bromofluorobenzene	11.079	95	197157	54.440	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 108.880%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	45036	17.597	ug/l	100
3) Chloromethane	1.301	50	48134	17.285	ug/l	98
4) Vinyl Chloride	1.374	62	53176	17.700	ug/l	98
5) Bromomethane	1.612	94	42488	19.755	ug/l	100
6) Chloroethane	1.691	64	36657	17.712	ug/l	98
7) Trichlorofluoromethane	1.892	101	91310	18.905	ug/l	100
8) Diethyl Ether	2.136	74	33728	18.025	ug/l	85
9) 1,1,2-Trichlorotrifluo...	2.331	101	47007	19.178	ug/l	96
10) Methyl Iodide	2.453	142	56384	17.382	ug/l	93
11) Tert butyl alcohol	2.953	59	50671	73.996	ug/l	# 91
12) 1,1-Dichloroethene	2.325	96	42642	18.001	ug/l	84
13) Acrolein	2.233	56	46209	68.306	ug/l	99
14) Allyl chloride	2.666	41	69603	17.641	ug/l	96
15) Acrylonitrile	3.062	53	130181	85.504	ug/l	98
16) Acetone	2.380	43	119229	77.688	ug/l	# 89
17) Carbon Disulfide	2.514	76	97507	16.417	ug/l	99
18) Methyl Acetate	2.703	43	97950	17.692	ug/l	92
19) Methyl tert-butyl Ether	3.111	73	160489	18.417	ug/l	100
20) Methylene Chloride	2.788	84	54039	19.030	ug/l	88
21) trans-1,2-Dichloroethene	3.093	96	49519	18.825	ug/l	91
22) Diisopropyl ether	3.764	45	154219	18.765	ug/l	# 89
23) Vinyl Acetate	3.721	43	550513	91.069	ug/l	95
24) 1,1-Dichloroethane	3.611	63	91858	18.652	ug/l	99
25) 2-Butanone	4.556	43	176934	81.697	ug/l	# 89
26) 2,2-Dichloropropane	4.477	77	74150	18.634	ug/l	94
27) cis-1,2-Dichloroethene	4.495	96	61004	18.917	ug/l	88
28) Bromochloromethane	4.898	49	45360	19.743	ug/l	# 82
29) Tetrahydrofuran	5.007	42	110784	82.238	ug/l	89
30) Chloroform	5.099	83	100039	18.857	ug/l	98
31) Cyclohexane	5.471	56	74034	18.080	ug/l	96
32) 1,1,1-Trichloroethane	5.385	97	85500	19.034	ug/l	98
36) 1,1-Dichloropropene	5.696	75	70016	18.949	ug/l	98
37) Ethyl Acetate	4.715	43	70732	17.413	ug/l	97
38) Carbon Tetrachloride	5.678	117	72166	18.666	ug/l	98
39) Methylcyclohexane	7.379	83	85196	18.167	ug/l	94
40) Benzene	6.044	78	208614	18.360	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	36798	17.766	ug/l #	87
42) 1,2-Dichloroethane	6.086	62	76578	18.647	ug/l	96
43) Isopropyl Acetate	6.342	43	112856	17.375	ug/l	95
44) Trichloroethene	7.129	130	57903	18.299	ug/l	92
45) 1,2-Dichloropropane	7.434	63	55049	18.656	ug/l	98
46) Dibromomethane	7.586	93	40128	18.905	ug/l	92
47) Bromodichloromethane	7.824	83	74195	18.979	ug/l	97
48) Methyl methacrylate	7.696	41	55147	17.761	ug/l #	88
49) 1,4-Dioxane	7.659	88	25554	313.921	ug/l #	87
51) 4-Methyl-2-Pentanone	8.574	43	359982	87.353	ug/l	95
52) Toluene	8.720	92	139605	19.064	ug/l	96
53) t-1,3-Dichloropropene	8.982	75	76199	18.642	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	84966	18.782	ug/l #	90
55) 1,1,2-Trichloroethane	9.153	97	59557	19.290	ug/l	98
56) Ethyl methacrylate	9.116	69	84136	18.254	ug/l	91
57) 1,3-Dichloropropane	9.311	76	92964	18.607	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	196711	91.398	ug/l	99
59) 2-Hexanone	9.427	43	275972	86.010	ug/l	94
60) Dibromochloromethane	9.519	129	58695	19.084	ug/l	100
61) 1,2-Dibromoethane	9.610	107	60966	18.650	ug/l	98
64) Tetrachloroethene	9.275	164	49062	18.729	ug/l	95
65) Chlorobenzene	10.079	112	154536	18.652	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	55359	18.854	ug/l	98
67) Ethyl Benzene	10.195	91	270589	18.837	ug/l	99
68) m/p-Xylenes	10.299	106	209520	37.746	ug/l	97
69) o-Xylene	10.640	106	102117	18.346	ug/l	97
70) Styrene	10.653	104	170470	19.077	ug/l	96
71) Bromoform	10.799	173	41967	18.093	ug/l #	99
73) Isopropylbenzene	10.964	105	272297	17.807	ug/l	99
74) N-amyl acetate	10.842	43	102831	16.605	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.213	83	94218	17.520	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	81128m	16.829	ug/l	
77) Bromobenzene	11.201	156	68483	18.094	ug/l	89
78) n-propylbenzene	11.305	91	324031	18.764	ug/l	99
79) 2-Chlorotoluene	11.366	91	189525	17.799	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	230702	17.865	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	23676	15.733	ug/l	95
82) 4-Chlorotoluene	11.457	91	220212	18.370	ug/l	96
83) tert-Butylbenzene	11.713	119	231992	17.775	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	234661	18.264	ug/l	98
85) sec-Butylbenzene	11.890	105	301157	19.020	ug/l	100
86) p-Isopropyltoluene	12.006	119	250274	18.972	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	130765	18.535	ug/l	97
88) 1,4-Dichlorobenzene	12.043	146	134176	18.585	ug/l	98
89) n-Butylbenzene	12.335	91	230888	19.979	ug/l	98
90) Hexachloroethane	12.536	117	39167	17.523	ug/l	88
91) 1,2-Dichlorobenzene	12.335	146	131243	18.220	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	18392	17.157	ug/l	78
93) 1,2,4-Trichlorobenzene	13.585	180	87634	20.654	ug/l	98
94) Hexachlorobutadiene	13.725	225	38765	19.564	ug/l	98
95) Naphthalene	13.774	128	270026	18.817	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	87193	19.969	ug/l	98

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

