

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091222\
 Data File : VX031276.D
 Acq On : 12 Sep 2022 14:14
 Operator : JC/MD
 Sample : VX0912WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0912WBSD01

Quant Time: Sep 13 01:35:01 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

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	47525	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	73494	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	79266	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	55798	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	59090	52.516	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 105.040%	
35) Dibromofluoromethane	5.385	113	41566	51.900	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.800%	
50) Toluene-d8	8.647	98	136254	46.826	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 93.660%	
62) 4-Bromofluorobenzene	11.079	95	55800	52.328	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 104.660%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	14000	18.331	ug/l	97
3) Chloromethane	1.288	50	9501	16.189	ug/l	96
4) Vinyl Chloride	1.368	62	12358	17.838	ug/l	96
5) Bromomethane	1.605	94	10742	24.268	ug/l	90
6) Chloroethane	1.685	64	8039	20.685	ug/l	96
7) Trichlorofluoromethane	1.886	101	33436	22.148	ug/l	98
8) Diethyl Ether	2.136	74	8452	19.711	ug/l	76
9) 1,1,2-Trichlorotrifluo...	2.325	101	14683	17.199	ug/l	88
10) Methyl Iodide	2.447	142	18748	17.760	ug/l	# 84
11) Tert butyl alcohol	2.977	59	21098	87.468	ug/l	99
12) 1,1-Dichloroethene	2.319	96	13781	17.175	ug/l	98
13) Acrolein	2.239	56	11744	75.154	ug/l	96
14) Allyl chloride	2.660	41	15735	14.598	ug/l	# 63
15) Acrylonitrile	3.062	53	36417	84.999	ug/l	96
16) Acetone	2.386	43	35995	92.392	ug/l	88
17) Carbon Disulfide	2.508	76	32479	16.464	ug/l	98
18) Methyl Acetate	2.709	43	16234	16.096	ug/l	# 75
19) Methyl tert-butyl Ether	3.117	73	55518	19.480	ug/l	90
20) Methylene Chloride	2.788	84	16231	17.726	ug/l	# 80
21) trans-1,2-Dichloroethene	3.093	96	15704	17.664	ug/l	94
22) Diisopropyl ether	3.757	45	31969	14.124	ug/l	# 81
23) Vinyl Acetate	3.721	43	153479	80.783	ug/l	# 82
24) 1,1-Dichloroethane	3.605	63	25151	16.752	ug/l	97
25) 2-Butanone	4.562	43	47260	81.896	ug/l	# 82
26) 2,2-Dichloropropane	4.471	77	28126	20.935	ug/l	92
27) cis-1,2-Dichloroethene	4.489	96	17089	16.742	ug/l	96
28) Bromochloromethane	4.891	49	8294	15.235	ug/l	# 40
29) Tetrahydrofuran	5.001	42	27458	80.592	ug/l	# 68
30) Chloroform	5.093	83	34285	19.306	ug/l	89
31) Cyclohexane	5.471	56	18120	14.411	ug/l	# 78
32) 1,1,1-Trichloroethane	5.385	97	35273	22.037	ug/l	95
36) 1,1-Dichloropropene	5.696	75	21604	18.013	ug/l	100
37) Ethyl Acetate	4.715	43	17303	16.262	ug/l	# 94
38) Carbon Tetrachloride	5.678	117	32013	25.368	ug/l	98
39) Methylcyclohexane	7.379	83	25251	18.434	ug/l	90
40) Benzene	6.038	78	56488	17.337	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	9097	16.351	ug/l #	75
42) 1,2-Dichloroethane	6.086	62	30527	22.884	ug/l	94
43) Isopropyl Acetate	6.336	43	29887	17.815	ug/l #	94
44) Trichloroethene	7.129	130	18160	19.828	ug/l	99
45) 1,2-Dichloropropane	7.434	63	12190	15.224	ug/l	96
46) Dibromomethane	7.580	93	13045	20.545	ug/l	94
47) Bromodichloromethane	7.824	83	28221	22.849	ug/l	98
48) Methyl methacrylate	7.696	41	15408	18.861	ug/l #	82
49) 1,4-Dioxane	7.678	88	9203	408.089	ug/l	87
51) 4-Methyl-2-Pentanone	8.574	43	92952	90.486	ug/l	90
52) Toluene	8.720	92	39715	18.481	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	27521	21.389	ug/l	95
54) cis-1,3-Dichloropropene	8.366	75	27152	19.656	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	16262	18.406	ug/l	91
56) Ethyl methacrylate	9.116	69	25141	19.314	ug/l	88
57) 1,3-Dichloropropane	9.311	76	26931	17.641	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	47594	77.580	ug/l #	81
59) 2-Hexanone	9.433	43	73990	95.245	ug/l	95
60) Dibromochloromethane	9.525	129	22513	24.715	ug/l	99
61) 1,2-Dibromoethane	9.610	107	19396	19.755	ug/l	99
64) Tetrachloroethene	9.275	164	18239	22.103	ug/l	95
65) Chlorobenzene	10.080	112	44290	18.978	ug/l	94
66) 1,1,1,2-Tetrachloroethane	10.165	131	20867	22.891	ug/l	91
67) Ethyl Benzene	10.195	91	80762	19.096	ug/l	99
68) m/p-Xylenes	10.299	106	61925	39.499	ug/l	86
69) o-Xylene	10.646	106	30335	19.387	ug/l	89
70) Styrene	10.659	104	51656	20.587	ug/l	93
71) Bromoform	10.799	173	16862	27.763	ug/l #	99
73) Isopropylbenzene	10.964	105	83229	17.177	ug/l	99
74) N-amyl acetate	10.842	43	22664	14.692	ug/l #	82
75) 1,1,2,2-Tetrachloroethane	11.213	83	23768	15.714	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	24362m	15.998	ug/l	
77) Bromobenzene	11.201	156	20525	19.491	ug/l	91
78) n-propylbenzene	11.305	91	94512	17.112	ug/l	99
79) 2-Chlorotoluene	11.366	91	57566	16.824	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	74870	18.380	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.018	75	8295	17.566	ug/l #	84
82) 4-Chlorotoluene	11.457	91	68947	17.416	ug/l	96
83) tert-Butylbenzene	11.713	119	73298	18.254	ug/l	94
84) 1,2,4-Trimethylbenzene	11.750	105	73935	18.670	ug/l	94
85) sec-Butylbenzene	11.890	105	91811	18.461	ug/l	99
86) p-Isopropyltoluene	12.012	119	80165	19.953	ug/l	93
87) 1,3-Dichlorobenzene	11.969	146	38024	19.428	ug/l	96
88) 1,4-Dichlorobenzene	12.043	146	39682	19.715	ug/l	98
89) n-Butylbenzene	12.335	91	64381	18.585	ug/l	99
90) Hexachloroethane	12.542	117	14199	20.569	ug/l	92
91) 1,2-Dichlorobenzene	12.335	146	38951	20.294	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.945	75	8323	20.036	ug/l	84
93) 1,2,4-Trichlorobenzene	13.591	180	24156	21.522	ug/l	97
94) Hexachlorobutadiene	13.725	225	10780	22.618	ug/l	97
95) Naphthalene	13.774	128	88653	20.163	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	23819	20.844	ug/l	97

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

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