

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041723\
 Data File : VX035111.D
 Acq On : 17 Apr 2023 16:53
 Operator : JC/MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDC0050EC

Quant Time: Apr 18 05:54:08 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032923W.M
 Quant Title : SW846 8260
 QLast Update : Sat Apr 01 01:50:18 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	311638	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	506134	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	451230	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	218485	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	196853	41.303	ug/l	-0.01
Spiked Amount	50.000	Range	78 - 117	Recovery	=	82.600%
35) Dibromofluoromethane	5.379	113	160252	47.870	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.740%
50) Toluene-d8	8.647	98	579325	46.884	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	93.760%
62) 4-Bromofluorobenzene	11.079	95	233194	48.769	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.540%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	191754	61.692	ug/l	99
3) Chloromethane	1.294	50	186571	47.941	ug/l	99
4) Vinyl Chloride	1.374	62	187182	48.577	ug/l	97
5) Bromomethane	1.611	94	102148	40.795	ug/l	99
6) Chloroethane	1.685	64	92922	37.065	ug/l	99
7) Trichlorofluoromethane	1.886	101	258463	41.723	ug/l	99
8) Diethyl Ether	2.130	74	100438	45.990	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	163846	50.604	ug/l	98
10) Methyl Iodide	2.453	142	204445	50.705	ug/l	97
11) Tert butyl alcohol	2.977	59	166808m	199.479	ug/l	
12) 1,1-Dichloroethene	2.319	96	156176	48.816	ug/l	97
13) Acrolein	2.233	56	198539	230.642	ug/l	99
14) Allyl chloride	2.660	41	299429	47.772	ug/l	98
15) Acrylonitrile	3.062	53	463959	246.488	ug/l	100
16) Acetone	2.386	43	386994	199.880	ug/l	99
17) Carbon Disulfide	2.508	76	385784	48.147	ug/l	100
18) Methyl Acetate	2.703	43	341612	49.659	ug/l	100
19) Methyl tert-butyl Ether	3.105	73	561205	47.378	ug/l	99
20) Methylene Chloride	2.788	84	179737	47.044	ug/l	98
21) trans-1,2-Dichloroethene	3.087	96	170286	48.803	ug/l	97
22) Diisopropyl ether	3.751	45	591993	46.810	ug/l	98
23) Vinyl Acetate	3.715	43	2164936	240.026	ug/l	100
24) 1,1-Dichloroethane	3.605	63	324554	47.696	ug/l	98
25) 2-Butanone	4.550	43	641096	227.633	ug/l	99
26) 2,2-Dichloropropane	4.471	77	261126	46.664	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	202325	48.937	ug/l	97
28) Bromochloromethane	4.891	49	148694	44.671	ug/l	94
29) Tetrahydrofuran	5.001	42	416230	235.914	ug/l	99
30) Chloroform	5.086	83	325343	47.074	ug/l	98
31) Cyclohexane	5.464	56	267794	46.144	ug/l	98
32) 1,1,1-Trichloroethane	5.379	97	287286	48.710	ug/l	98
36) 1,1-Dichloropropene	5.690	75	244691	49.336	ug/l	98
37) Ethyl Acetate	4.702	43	251000	48.400	ug/l	98
38) Carbon Tetrachloride	5.672	117	242170	51.790	ug/l	99
39) Methylcyclohexane	7.379	83	252289	47.903	ug/l	97
40) Benzene	6.031	78	714121	50.159	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	143449	50.863	ug/l	98
42) 1,2-Dichloroethane	6.080	62	258937	45.747	ug/l	98
43) Isopropyl Acetate	6.330	43	425505	49.043	ug/l	98
44) Trichloroethene	7.123	130	193225	53.167	ug/l	96
45) 1,2-Dichloropropane	7.428	63	185123	49.898	ug/l	98
46) Dibromomethane	7.574	93	124653	48.833	ug/l	95
47) Bromodichloromethane	7.818	83	241135	51.141	ug/l	100
48) Methyl methacrylate	7.690	41	213922	50.206	ug/l	96
49) 1,4-Dioxane	7.696	88	73255	834.259	ug/l	98
51) 4-Methyl-2-Pentanone	8.568	43	1259968	245.375	ug/l	98
52) Toluene	8.714	92	454966	49.011	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	273089	53.838	ug/l	99
54) cis-1,3-Dichloropropene	8.360	75	295855	53.297	ug/l	96
55) 1,1,2-Trichloroethane	9.147	97	180794	51.459	ug/l	100
56) Ethyl methacrylate	9.110	69	288825	52.468	ug/l	94
57) 1,3-Dichloropropane	9.305	76	315081	50.639	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	735288	262.334	ug/l	97
59) 2-Hexanone	9.427	43	948821	244.302	ug/l	97
60) Dibromochloromethane	9.519	129	186405	55.696	ug/l	99
61) 1,2-Dibromoethane	9.610	107	190739	52.208	ug/l	100
64) Tetrachloroethene	9.269	164	165451	51.236	ug/l	98
65) Chlorobenzene	10.079	112	483751	51.527	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	178667	55.344	ug/l	99
67) Ethyl Benzene	10.189	91	860243	50.580	ug/l	98
68) m/p-Xylenes	10.299	106	663942	102.196	ug/l	98
69) o-Xylene	10.640	106	328593	51.630	ug/l	98
70) Styrene	10.653	104	551584	54.291	ug/l	98
71) Bromoform	10.799	173	128842	58.680	ug/l #	99
73) Isopropylbenzene	10.963	105	800724	50.033	ug/l	100
74) N-amyl acetate	10.842	43	374084	51.987	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	266812	50.867	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	224101m	50.905	ug/l	
77) Bromobenzene	11.195	156	207285	52.272	ug/l	95
78) n-propylbenzene	11.305	91	908865	49.160	ug/l	99
79) 2-Chlorotoluene	11.360	91	578400	49.551	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	664719	49.676	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	80111	54.537	ug/l	99
82) 4-Chlorotoluene	11.451	91	670756	49.483	ug/l	98
83) tert-Butylbenzene	11.713	119	642420	51.126	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	675299	49.626	ug/l	100
85) sec-Butylbenzene	11.890	105	765126	50.052	ug/l	100
86) p-Isopropyltoluene	12.006	119	662554	51.978	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	376628	52.151	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	382087	50.656	ug/l	99
89) n-Butylbenzene	12.329	91	564909	50.725	ug/l	99
90) Hexachloroethane	12.536	117	106523	53.938	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	372750	51.536	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	56597	51.693	ug/l	92
93) 1,2,4-Trichlorobenzene	13.591	180	216551	52.936	ug/l	98
94) Hexachlorobutadiene	13.725	225	95427	53.037	ug/l	99
95) Naphthalene	13.774	128	769699	52.953	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	211869	51.358	ug/l	99

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

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