

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041723\
 Data File : VX035097.D
 Acq On : 17 Apr 2023 10:13
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Apr 18 05:50:27 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	5.550	168	331832	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	532680	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	483343	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	232726	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.952	65	215357	42.436	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	84.880%
35) Dibromofluoromethane	5.379	113	174791	49.611	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.220%
50) Toluene-d8	8.647	98	633202	48.691	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.380%
62) 4-Bromofluorobenzene	11.079	95	254839	50.639	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.280%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.166	85	205403	62.062	ug/l	100
3) Chloromethane	1.294	50	200551	48.397	ug/l	99
4) Vinyl Chloride	1.374	62	199961	48.735	ug/l	99
5) Bromomethane	1.617	94	123787	46.429	ug/l	97
6) Chloroethane	1.691	64	110688	41.464	ug/l	97
7) Trichlorofluoromethane	1.886	101	277391	42.054	ug/l	100
8) Diethyl Ether	2.130	74	108721	46.753	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.331	101	174900	50.731	ug/l	98
10) Methyl Iodide	2.453	142	220999	51.475	ug/l	96
11) Tert butyl alcohol	3.007	59	178342	200.293	ug/l #	91
12) 1,1-Dichloroethene	2.318	96	168343	49.416	ug/l	96
13) Acrolein	2.239	56	232536	253.697	ug/l	99
14) Allyl chloride	2.666	41	327879	49.128	ug/l	98
15) Acrylonitrile	3.062	53	492262	245.609	ug/l	100
16) Acetone	2.392	43	431009	209.066	ug/l	99
17) Carbon Disulfide	2.514	76	437793	51.313	ug/l	100
18) Methyl Acetate	2.703	43	359128	49.028	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	613026	48.604	ug/l	98
20) Methylene Chloride	2.788	84	193264	47.506	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	184607	49.688	ug/l	98
22) Diisopropyl ether	3.757	45	641809	47.660	ug/l	91
23) Vinyl Acetate	3.721	43	2351988	244.895	ug/l	99
24) 1,1-Dichloroethane	3.611	63	350225	48.337	ug/l	99
25) 2-Butanone	4.556	43	693794	231.353	ug/l	97
26) 2,2-Dichloropropane	4.471	77	296737	49.801	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	217009	49.294	ug/l	99
28) Bromochloromethane	4.891	49	150475	42.455	ug/l	94
29) Tetrahydrofuran	5.007	42	438493	233.408	ug/l	99
30) Chloroform	5.092	83	351114	47.711	ug/l	99
31) Cyclohexane	5.464	56	289522	46.852	ug/l	97
32) 1,1,1-Trichloroethane	5.379	97	309322	49.255	ug/l	98
36) 1,1-Dichloropropene	5.690	75	263624	50.505	ug/l	98
37) Ethyl Acetate	4.708	43	271686	49.778	ug/l	98
38) Carbon Tetrachloride	5.678	117	270736	55.014	ug/l	99
39) Methylcyclohexane	7.379	83	275565	49.715	ug/l	98
40) Benzene	6.037	78	765285	51.074	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	152999	51.545	ug/l	99
42) 1,2-Dichloroethane	6.080	62	281563	47.265	ug/l	98
43) Isopropyl Acetate	6.336	43	459010	50.268	ug/l	98
44) Trichloroethene	7.123	130	206231	53.918	ug/l	97
45) 1,2-Dichloropropane	7.427	63	199967	51.213	ug/l	99
46) Dibromomethane	7.580	93	133889	49.837	ug/l	95
47) Bromodichloromethane	7.818	83	268626	54.132	ug/l	98
48) Methyl methacrylate	7.689	41	227552	50.744	ug/l	96
49) 1,4-Dioxane	7.720	88	76427	827.008	ug/l #	79
51) 4-Methyl-2-Pentanone	8.567	43	1335741	247.168	ug/l	98
52) Toluene	8.714	92	491842	50.343	ug/l	97
53) t-1,3-Dichloropropene	8.976	75	302879	56.735	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	328180	56.174	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	193078	52.216	ug/l	98
56) Ethyl methacrylate	9.116	69	310087	53.524	ug/l	95
57) 1,3-Dichloropropane	9.305	76	336789	51.430	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	734343	248.940	ug/l	97
59) 2-Hexanone	9.427	43	1021913	250.009	ug/l	97
60) Dibromochloromethane	9.518	129	207567	58.928	ug/l	99
61) 1,2-Dibromoethane	9.610	107	203667	52.969	ug/l	99
64) Tetrachloroethene	9.275	164	177077	51.193	ug/l	96
65) Chlorobenzene	10.079	112	520993	51.807	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	193903	56.073	ug/l	99
67) Ethyl Benzene	10.195	91	922127	50.616	ug/l	99
68) m/p-Xylenes	10.299	106	713951	102.592	ug/l	99
69) o-Xylene	10.640	106	353259	51.818	ug/l	98
70) Styrene	10.652	104	600195	55.150	ug/l	97
71) Bromoform	10.799	173	145280	61.771	ug/l #	99
73) Isopropylbenzene	10.963	105	857879	50.324	ug/l	100
74) N-amyl acetate	10.841	43	405549	52.911	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	287191	51.402	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	238754m	50.915	ug/l	
77) Bromobenzene	11.201	156	226281	53.570	ug/l	95
78) n-propylbenzene	11.305	91	978793	49.703	ug/l	100
79) 2-Chlorotoluene	11.366	91	624616	50.236	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	718257	50.392	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	91987	58.789	ug/l	99
82) 4-Chlorotoluene	11.451	91	720987	49.934	ug/l	97
83) tert-Butylbenzene	11.713	119	694020	51.853	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	721595	49.783	ug/l	100
85) sec-Butylbenzene	11.890	105	828365	50.872	ug/l	100
86) p-Isopropyltoluene	12.006	119	719275	52.975	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	408454	53.097	ug/l	100
88) 1,4-Dichlorobenzene	12.042	146	416389	51.826	ug/l	99
89) n-Butylbenzene	12.335	91	616938	52.007	ug/l	99
90) Hexachloroethane	12.536	117	120819	57.433	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	404276	52.474	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	62101	53.249	ug/l	90
93) 1,2,4-Trichlorobenzene	13.591	180	239517	54.968	ug/l	99
94) Hexachlorobutadiene	13.725	225	105139	54.859	ug/l	99
95) Naphthalene	13.774	128	826046	53.352	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	233353	53.104	ug/l	98

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

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