

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040723\
 Data File : VX034983.D
 Acq On : 07 Apr 2023 20:50
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Apr 08 01:02:01 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	221019	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	407156	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	363658	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	173163	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	182193	53.901	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 107.800%	
35) Dibromofluoromethane	5.385	113	130743	48.549	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 97.100%	
50) Toluene-d8	8.647	98	438701	44.135	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 88.260%#	
62) 4-Bromofluorobenzene	11.079	95	177700	46.197	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 92.400%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	94134	42.702	ug/l	99
3) Chloromethane	1.294	50	152362	55.203	ug/l	99
4) Vinyl Chloride	1.374	62	132212	48.379	ug/l	100
5) Bromomethane	1.617	94	88643	49.916	ug/l	97
6) Chloroethane	1.691	64	81064	45.592	ug/l	100
7) Trichlorofluoromethane	1.886	101	167343	38.090	ug/l	99
8) Diethyl Ether	2.130	74	96624	62.384	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.331	101	98331	42.822	ug/l	98
10) Methyl Iodide	2.453	142	146312	51.165	ug/l	93
11) Tert butyl alcohol	2.995	59	176162m	297.038	ug/l	
12) 1,1-Dichloroethene	2.319	96	105186	46.358	ug/l	86
13) Acrolein	2.239	56	198683	325.442	ug/l	99
14) Allyl chloride	2.666	41	252593	56.823	ug/l	97
15) Acrylonitrile	3.062	53	443874	332.503	ug/l	99
16) Acetone	2.392	43	406546	296.071	ug/l	97
17) Carbon Disulfide	2.514	76	243924	42.924	ug/l	99
18) Methyl Acetate	2.703	43	328778	67.389	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	536407	63.852	ug/l	96
20) Methylene Chloride	2.788	84	156897	57.903	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	131360	53.083	ug/l	96
22) Diisopropyl ether	3.757	45	561633	62.617	ug/l	97
23) Vinyl Acetate	3.721	43	2089856	326.701	ug/l	99
24) 1,1-Dichloroethane	3.611	63	282227	58.481	ug/l	98
25) 2-Butanone	4.562	43	631060	315.939	ug/l	99
26) 2,2-Dichloropropane	4.477	77	186294	46.941	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	171247	58.402	ug/l	98
28) Bromochloromethane	4.897	49	144657	61.277	ug/l	100
29) Tetrahydrofuran	5.001	42	414692	331.411	ug/l	98
30) Chloroform	5.092	83	292927	59.761	ug/l	98
31) Cyclohexane	5.470	56	175883	42.733	ug/l	95
32) 1,1,1-Trichloroethane	5.385	97	218684	52.281	ug/l	99
36) 1,1-Dichloropropene	5.696	75	177281	44.434	ug/l	98
37) Ethyl Acetate	4.708	43	251429	60.269	ug/l	99
38) Carbon Tetrachloride	5.678	117	171204	45.514	ug/l	98
39) Methylcyclohexane	7.379	83	159946	37.752	ug/l	95
40) Benzene	6.037	78	591050	51.607	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	147404	64.971	ug/l	96
42) 1,2-Dichloroethane	6.086	62	258800	56.837	ug/l	99
43) Isopropyl Acetate	6.336	43	416242	59.638	ug/l	100
44) Trichloroethene	7.129	130	141186	48.292	ug/l	97
45) 1,2-Dichloropropane	7.433	63	164992	55.283	ug/l	98
46) Dibromomethane	7.580	93	114612	55.814	ug/l	99
47) Bromodichloromethane	7.824	83	216362	57.041	ug/l	99
48) Methyl methacrylate	7.690	41	211524	61.712	ug/l	97
49) 1,4-Dioxane	7.708	88	79691	1128.178	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	1279773	309.820	ug/l	99
52) Toluene	8.720	92	359673	48.165	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	231639	56.768	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	253507	56.770	ug/l	100
55) 1,1,2-Trichloroethane	9.153	97	166642	58.961	ug/l	98
56) Ethyl methacrylate	9.116	69	267331	60.369	ug/l	98
57) 1,3-Dichloropropane	9.305	76	286538	57.247	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	702784	311.691	ug/l	99
59) 2-Hexanone	9.427	43	948520	303.595	ug/l	100
60) Dibromochloromethane	9.518	129	161297	59.910	ug/l	100
61) 1,2-Dibromoethane	9.610	107	170375	57.971	ug/l	99
64) Tetrachloroethene	9.275	164	113570	43.639	ug/l	98
65) Chlorobenzene	10.079	112	384872	50.866	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	147688	56.765	ug/l	99
67) Ethyl Benzene	10.195	91	663879	48.434	ug/l	97
68) m/p-Xylenes	10.299	106	500669	95.622	ug/l	98
69) o-Xylene	10.640	106	256247	49.958	ug/l	98
70) Styrene	10.652	104	439130	53.630	ug/l	99
71) Bromoform	10.799	173	109054	61.628	ug/l	99
73) Isopropylbenzene	10.963	105	607169	47.868	ug/l	99
74) N-amyl acetate	10.841	43	355341	62.308	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	247211	59.465	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	177945m	51.000	ug/l	
77) Bromobenzene	11.195	156	165950	52.801	ug/l	99
78) n-propylbenzene	11.305	91	682111	46.552	ug/l	100
79) 2-Chlorotoluene	11.366	91	457443	49.445	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	523290	49.342	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	63168	54.257	ug/l	88
82) 4-Chlorotoluene	11.451	91	531044	49.430	ug/l	100
83) tert-Butylbenzene	11.713	119	487659	48.967	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	537008	49.792	ug/l	99
85) sec-Butylbenzene	11.890	105	551400	45.511	ug/l	99
86) p-Isopropyltoluene	12.006	119	477458	47.261	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	289353	50.553	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	296619	49.618	ug/l	99
89) n-Butylbenzene	12.335	91	386306	43.766	ug/l	100
90) Hexachloroethane	12.536	117	75387	48.163	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	300612	52.440	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	55912	64.433	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	169134	52.166	ug/l	97
94) Hexachlorobutadiene	13.725	225	58022	40.688	ug/l	98
95) Naphthalene	13.774	128	679790	59.008	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	177674	54.341	ug/l	98

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

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