

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040323\
 Data File : VX034917.D
 Acq On : 03 Apr 2023 09:12
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 04/04/2023
 Supervised By :Mahesh Dadoda 04/04/2023

Quant Time: Apr 03 21:31:41 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	5.549	168	311436	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.756	114	514382	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	462057	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	228040	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	227650	47.796	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	95.600%		
35) Dibromofluoromethane	5.379	113	163939	48.186	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.380%		
50) Toluene-d8	8.646	98	609839	48.563	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.120%		
62) 4-Bromofluorobenzene	11.079	95	243406	50.088	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	100.180%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	170483	54.884	ug/l	100
3) Chloromethane	1.294	50	190240	48.916	ug/l	99
4) Vinyl Chloride	1.373	62	189504	49.212	ug/l	100
5) Bromomethane	1.617	94	108937	43.535	ug/l	96
6) Chloroethane	1.690	64	106509	42.512	ug/l	100
7) Trichlorofluoromethane	1.885	101	275125	44.442	ug/l	100
8) Diethyl Ether	2.129	74	103486	47.417	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.330	101	164715	50.906	ug/l	98
10) Methyl Iodide	2.452	142	174478	43.301	ug/l	92
11) Tert butyl alcohol	2.989	59	172678m	206.632	ug/l	
12) 1,1-Dichloroethene	2.318	96	150882	47.191	ug/l	89
13) Acrolein	2.233	56	182417	212.051	ug/l	99
14) Allyl chloride	2.666	41	309594	49.426	ug/l	95
15) Acrylonitrile	3.062	53	424782	225.820	ug/l	98
16) Acetone	2.385	43	560792	289.834	ug/l	95
17) Carbon Disulfide	2.513	76	387575	48.402	ug/l	100
18) Methyl Acetate	2.702	43	317839	46.233	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	568274	48.006	ug/l	97
20) Methylene Chloride	2.788	84	172949	45.297	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	165817	47.553	ug/l	96
22) Diisopropyl ether	3.751	45	611850	48.411	ug/l	97
23) Vinyl Acetate	3.714	43	2232604	247.689	ug/l	98
24) 1,1-Dichloroethane	3.605	63	326988	48.085	ug/l	98
25) 2-Butanone	4.556	43	691290	245.615	ug/l	98
26) 2,2-Dichloropropane	4.470	77	278233	49.754	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	194164	46.993	ug/l	96
28) Bromochloromethane	4.891	49	153011	45.998	ug/l	100
29) Tetrahydrofuran	5.001	42	392903	222.837	ug/l	98
30) Chloroform	5.086	83	334379	48.412	ug/l	97
31) Cyclohexane	5.464	56	291920	50.334	ug/l	96
32) 1,1,1-Trichloroethane	5.379	97	299685	50.845	ug/l	100
36) 1,1-Dichloropropene	5.690	75	253066	50.207	ug/l	98
37) Ethyl Acetate	4.708	43	247538	46.967	ug/l	100
38) Carbon Tetrachloride	5.671	117	259286	54.561	ug/l	99
39) Methylcyclohexane	7.378	83	270596	50.556	ug/l	95
40) Benzene	6.031	78	696784	48.156	ug/l	99

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41) Methacrylonitrile	4.909	41	140560	49.039	ug/l	98
42) 1,2-Dichloroethane	6.080	62	284119	49.391	ug/l	98
43) Isopropyl Acetate	6.330	43	420461	47.684	ug/l	99
44) Trichloroethene	7.122	130	184269	49.890	ug/l	98
45) 1,2-Dichloropropane	7.427	63	184471	48.925	ug/l	99
46) Dibromomethane	7.573	93	125607	48.417	ug/l	98
47) Bromodichloromethane	7.817	83	254429	53.095	ug/l	96
48) Methyl methacrylate	7.689	41	213346	49.268	ug/l	98
49) 1,4-Dioxane	7.695	88	77633	869.941	ug/l	96
51) 4-Methyl-2-Pentanone	8.567	43	1235420	236.737	ug/l	99
52) Toluene	8.713	92	443099	46.967	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	278616	54.047	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	299783	53.139	ug/l	99
55) 1,1,2-Trichloroethane	9.146	97	173935	48.713	ug/l	98
56) Ethyl methacrylate	9.116	69	279691	49.994	ug/l	98
57) 1,3-Dichloropropane	9.305	76	309693	48.975	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	718486	252.229	ug/l	99
59) 2-Hexanone	9.427	43	978715	247.959	ug/l	100
60) Dibromochloromethane	9.518	129	187157	55.024	ug/l	99
61) 1,2-Dibromoethane	9.610	107	182523	49.159	ug/l	100
64) Tetrachloroethene	9.274	164	154700	46.784	ug/l	98
65) Chlorobenzene	10.079	112	470987	48.992	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.158	131	175516	53.094	ug/l	98
67) Ethyl Benzene	10.189	91	860853	49.430	ug/l	97
68) m/p-Xylenes	10.299	106	657662	98.858	ug/l	99
69) o-Xylene	10.640	106	319830	49.075	ug/l	98
70) Styrene	10.652	104	537721	51.686	ug/l	99
71) Bromoform	10.798	173	124311	55.290	ug/l	100
73) Isopropylbenzene	10.963	105	841193	50.359	ug/l	99
74) N-amyl acetate	10.841	43	375341	49.976	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.213	83	256881	46.921	ug/l	99
76) 1,2,3-Trichloropropane	11.237	75	217246m	47.280	ug/l	
77) Bromobenzene	11.195	156	196304	47.428	ug/l	98
78) n-propylbenzene	11.304	91	975026	50.529	ug/l	99
79) 2-Chlorotoluene	11.365	91	598526	49.126	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	703205	50.350	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	75697	49.372	ug/l	91
82) 4-Chlorotoluene	11.451	91	699481	49.440	ug/l	99
83) tert-Butylbenzene	11.713	119	671124	51.172	ug/l	99
84) 1,2,4-Trimethylbenzene	11.749	105	708290	49.869	ug/l	98
85) sec-Butylbenzene	11.890	105	816078	51.148	ug/l	99
86) p-Isopropyltoluene	12.006	119	695378	52.267	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	376337	49.928	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	381886	48.508	ug/l	99
89) n-Butylbenzene	12.329	91	604378	51.995	ug/l	99
90) Hexachloroethane	12.536	117	117052	56.786	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	368823	48.856	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.944	75	57706	50.497	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	222632	52.143	ug/l	98
94) Hexachlorobutadiene	13.725	225	91843	48.907	ug/l	99
95) Naphthalene	13.774	128	752686	49.613	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	218857	50.829	ug/l	99

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

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