

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030123\
 Data File : VX034294.D
 Acq On : 01 Mar 2023 17:19
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 03/02/2023
 Supervised By :Mahesh Dadoda 03/02/2023

Quant Time: Mar 02 00:45:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 17 12:33:35 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	299017	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	504946	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	461484	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	240262	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	197131	48.952	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	97.900%		
35) Dibromofluoromethane	5.385	113	165387	50.305	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.620%		
50) Toluene-d8	8.647	98	609283	51.617	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	103.240%		
62) 4-Bromofluorobenzene	11.079	95	248810	55.107	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	110.220%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	129991	50.309	ug/l	97
3) Chloromethane	1.301	50	192147	51.677	ug/l	98
4) Vinyl Chloride	1.374	62	190007	56.111	ug/l	100
5) Bromomethane	1.599	94	88750	72.043	ug/l	99
6) Chloroethane	1.678	64	109423	64.277	ug/l	100
7) Trichlorofluoromethane	1.886	101	273456	59.690	ug/l	97
8) Diethyl Ether	2.136	74	105081	56.934	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.325	101	145127	44.982	ug/l	95
10) Methyl Iodide	2.453	142	197336	50.235	ug/l	95
11) Tert butyl alcohol	2.959	59	214246	237.865	ug/l #	84
12) 1,1-Dichloroethene	2.319	96	149513	46.229	ug/l	93
13) Acrolein	2.233	56	125791	305.947	ug/l	98
14) Allyl chloride	2.666	41	297995	43.436	ug/l	90
15) Acrylonitrile	3.062	53	485459	247.065	ug/l	99
16) Acetone	2.380	43	402436	193.726	ug/l	93
17) Carbon Disulfide	2.514	76	411459	44.250	ug/l	99
18) Methyl Acetate	2.703	43	314318	48.899	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	544578	47.708	ug/l	99
20) Methylene Chloride	2.788	84	172558	46.102	ug/l	99
21) trans-1,2-Dichloroethene	3.093	96	164224	48.458	ug/l	99
22) Diisopropyl ether	3.763	45	612881	50.957	ug/l	89
23) Vinyl Acetate	3.721	43	2429597	252.131	ug/l	100
24) 1,1-Dichloroethane	3.611	63	312127	47.272	ug/l	99
25) 2-Butanone	4.556	43	699011	232.558	ug/l	99
26) 2,2-Dichloropropane	4.477	77	256620	42.903	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	196919	49.069	ug/l	97
28) Bromochloromethane	4.897	49	142065	48.231	ug/l	88
29) Tetrahydrofuran	5.001	42	470238	256.451	ug/l	98
30) Chloroform	5.093	83	314594	49.618	ug/l	99
31) Cyclohexane	5.470	56	279571	46.499	ug/l	96
32) 1,1,1-Trichloroethane	5.385	97	268925	47.316	ug/l	100
36) 1,1-Dichloropropene	5.696	75	230107	47.326	ug/l	98
37) Ethyl Acetate	4.715	43	279496	51.435	ug/l	99
38) Carbon Tetrachloride	5.678	117	234511	46.872	ug/l	97
39) Methylcyclohexane	7.379	83	282721	45.184	ug/l	99
40) Benzene	6.037	78	709381	49.232	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	152205	50.273	ug/l	98
42) 1,2-Dichloroethane	6.086	62	248293	48.995	ug/l	100
43) Isopropyl Acetate	6.336	43	473509	49.380	ug/l	99
44) Trichloroethene	7.123	130	180005	48.681	ug/l	95
45) 1,2-Dichloropropane	7.434	63	186874	48.719	ug/l	99
46) Dibromomethane	7.580	93	124047	49.139	ug/l	90
47) Bromodichloromethane	7.824	83	250747	48.401	ug/l	99
48) Methyl methacrylate	7.690	41	224921	49.419	ug/l	98
49) 1,4-Dioxane	7.659	88	98215	1081.893	ug/l #	99
51) 4-Methyl-2-Pentanone	8.574	43	1450548	274.948	ug/l	99
52) Toluene	8.720	92	451117	51.670	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	295403	49.537	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	304692	47.728	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	183813	52.159	ug/l	98
56) Ethyl methacrylate	9.116	69	310941	52.157	ug/l	97
57) 1,3-Dichloropropane	9.305	76	316572	51.631	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	666444	258.061	ug/l	95
59) 2-Hexanone	9.427	43	1103303	274.409	ug/l	99
60) Dibromochloromethane	9.519	129	202164	51.918	ug/l	100
61) 1,2-Dibromoethane	9.610	107	198687	53.309	ug/l	99
64) Tetrachloroethene	9.275	164	152992	46.973	ug/l	95
65) Chlorobenzene	10.079	112	481761	50.081	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	182551	49.020	ug/l	98
67) Ethyl Benzene	10.195	91	864488	50.022	ug/l	99
68) m/p-Xylenes	10.299	106	673248	101.797	ug/l	95
69) o-Xylene	10.640	106	335827	51.005	ug/l	94
70) Styrene	10.652	104	563470	52.620	ug/l	96
71) Bromoform	10.799	173	154647	50.875	ug/l #	99
73) Isopropylbenzene	10.963	105	860613	47.000	ug/l	100
74) N-amyl acetate	10.841	43	456526	49.626	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	304141	48.563	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	253760m	41.974	ug/l	
77) Bromobenzene	11.195	156	212199	48.156	ug/l	85
78) n-propylbenzene	11.305	91	1017160	47.763	ug/l	97
79) 2-Chlorotoluene	11.366	91	619252	47.422	ug/l	95
80) 1,3,5-Trimethylbenzene	11.451	105	743678	48.306	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	108184	45.969	ug/l	92
82) 4-Chlorotoluene	11.457	91	717505	48.242	ug/l	96
83) tert-Butylbenzene	11.713	119	750536	47.601	ug/l	94
84) 1,2,4-Trimethylbenzene	11.750	105	751984	48.310	ug/l	97
85) sec-Butylbenzene	11.890	105	917146	47.899	ug/l	98
86) p-Isopropyltoluene	12.006	119	767360	48.425	ug/l	96
87) 1,3-Dichlorobenzene	11.969	146	398021	48.163	ug/l	97
88) 1,4-Dichlorobenzene	12.042	146	399797	47.963	ug/l	96
89) n-Butylbenzene	12.335	91	680209	48.195	ug/l	98
90) Hexachloroethane	12.536	117	152049	45.892	ug/l	77
91) 1,2-Dichlorobenzene	12.335	146	388917	48.099	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	68399	45.799	ug/l	78
93) 1,2,4-Trichlorobenzene	13.585	180	241792	46.578	ug/l	97
94) Hexachlorobutadiene	13.725	225	96349	44.772	ug/l	98
95) Naphthalene	13.774	128	845846	48.369	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	242002	46.957	ug/l	98

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

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