

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110521\
 Data File : VU045576.D
 Acq On : 05 Nov 2021 22:19
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Quant Time: Nov 06 21:47:46 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U110521W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 05 13:35:16 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 11/08/2021
 Supervised By : Mahesh Dadoda 11/08/2021

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

Internal Standards						
1) Pentafluorobenzene	5.375	168	130924	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	234793	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	227009	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	117030	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	102898	52.479	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 104.960%			
35) Dibromofluoromethane	5.292	113	78984	50.386	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.780%			
50) Toluene-d8	7.899	98	300503	51.553	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 103.100%			
62) 4-Bromofluorobenzene	10.635	95	117150	50.119	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 100.240%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	88966	52.410	ug/l	98
3) Chloromethane	1.523	50	96818	49.848	ug/l	99
4) Vinyl Chloride	1.604	62	99348	52.510	ug/l	100
5) Bromomethane	1.845	94	60623	57.447	ug/l	99
6) Chloroethane	1.928	64	60896	49.320	ug/l	99
7) Trichlorofluoromethane	2.137	101	129478	51.752	ug/l	99
8) Diethyl Ether	2.378	74	52075	52.582	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.581	101	73965	50.630	ug/l	96
10) Methyl Iodide	2.723	142	95722	50.069	ug/l	93
11) Tert butyl alcohol	3.176	59	108078	278.485	ug/l	99
12) 1,1-Dichloroethene	2.581	96	73088	50.742	ug/l	98
13) Acrolein	2.485	56	19864	353.203	ug/l	97
14) Allyl chloride	2.925	41	133797	52.022	ug/l	98
15) Acrylonitrile	3.314	53	278369	268.652	ug/l	98
16) Acetone	2.623	43	226025	226.453	ug/l	98
17) Carbon Disulfide	2.793	76	200011	49.575	ug/l	100
18) Methyl Acetate	2.948	43	183660	54.024	ug/l	99
19) Methyl tert-butyl Ether	3.366	73	276664	53.360	ug/l	99
20) Methylene Chloride	3.047	84	88158	50.832	ug/l	98
21) trans-1,2-Dichloroethene	3.356	96	78942	52.680	ug/l	98
22) Diisopropyl ether	3.996	45	274725	54.401	ug/l	93
23) Vinyl Acetate	3.957	43	1057354	272.231	ug/l	99
24) 1,1-Dichloroethane	3.874	63	161345	53.615	ug/l	99
25) 2-Butanone	4.700	43	361566	261.183	ug/l	100
26) 2,2-Dichloropropane	4.668	77	120671	48.390	ug/l	99
27) cis-1,2-Dichloroethene	4.671	96	93092	52.892	ug/l	99
28) Bromochloromethane	4.976	49	75498	52.623	ug/l	97
29) Tetrahydrofuran	5.050	42	230048	271.675	ug/l	100
30) Chloroform	5.092	83	155176	52.138	ug/l	99
31) Cyclohexane	5.391	56	142077	49.661	ug/l	99
32) 1,1,1-Trichloroethane	5.321	97	134547	53.012	ug/l	97
36) 1,1-Dichloropropene	5.529	75	115632	50.507	ug/l	100
37) Ethyl Acetate	4.803	43	135976	51.704	ug/l	99
38) Carbon Tetrachloride	5.529	117	116575	50.507	ug/l	99
39) Methylcyclohexane	6.767	83	140774	50.122	ug/l	96
40) Benzene	5.777	78	337637	49.813	ug/l	98

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41) Methacrylonitrile	4.973	41	74766	53.796	ug/l	99
42) 1,2-Dichloroethane	5.796	62	126247	51.565	ug/l	99
43) Isopropyl Acetate	5.912	43	212088	52.725	ug/l	99
44) Trichloroethene	6.546	130	82383	50.776	ug/l	97
45) 1,2-Dichloropropane	6.793	63	93392	52.073	ug/l	97
46) Dibromomethane	6.918	93	63338	50.969	ug/l	99
47) Bromodichloromethane	7.108	83	122285	51.862	ug/l	96
48) Methyl methacrylate	6.960	41	98207	53.044	ug/l	97
49) 1,4-Dioxane	6.960	88	52736	1107.607	ug/l #	96
51) 4-Methyl-2-Pentanone	7.793	43	706550	266.274	ug/l	100
52) Toluene	7.970	92	217217	52.345	ug/l	99
53) t-1,3-Dichloropropene	8.211	75	138531	51.121	ug/l	99
54) cis-1,3-Dichloropropene	7.610	75	149949	52.096	ug/l	95
55) 1,1,2-Trichloroethane	8.401	97	88397	51.398	ug/l	98
56) Ethyl methacrylate	8.333	69	144736	47.068	ug/l	98
57) 1,3-Dichloropropane	8.578	76	159527	51.500	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.465	63	384251	242.682	ug/l	100
59) 2-Hexanone	8.687	43	547633	237.573	ug/l	98
60) Dibromochloromethane	8.812	129	93259	52.075	ug/l	98
61) 1,2-Dibromoethane	8.925	107	95000	51.502	ug/l	99
64) Tetrachloroethene	8.555	164	66930	51.369	ug/l	98
65) Chlorobenzene	9.449	112	224747	50.403	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.536	131	81755	51.408	ug/l	98
67) Ethyl Benzene	9.571	91	419548	52.540	ug/l	99
68) m/p-Xylenes	9.697	106	320521	106.431	ug/l	99
69) o-Xylene	10.102	106	158137	54.011	ug/l	100
70) Styrene	10.115	104	269796	54.469	ug/l	98
71) Bromoform	10.295	173	69349	46.315	ug/l #	99
73) Isopropylbenzene	10.484	105	412413	53.934	ug/l	99
74) N-amyl acetate	10.320	43	188274	54.579	ug/l	100
75) 1,1,2,2-Tetrachloroethane	10.783	83	155251	51.245	ug/l	100
76) 1,2,3-Trichloropropane	10.825	75	151218m	42.608	ug/l	
77) Bromobenzene	10.783	156	96350	51.897	ug/l	97
78) n-propylbenzene	10.909	91	506946	53.267	ug/l	100
79) 2-Chlorotoluene	10.989	91	295550	52.564	ug/l	98
80) 1,3,5-Trimethylbenzene	11.089	105	361355	54.087	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.549	75	49900	46.296	ug/l	98
82) 4-Chlorotoluene	11.098	91	345705	52.426	ug/l	99
83) tert-Butylbenzene	11.423	119	341955	53.694	ug/l	99
84) 1,2,4-Trimethylbenzene	11.468	105	362803	54.639	ug/l	99
85) sec-Butylbenzene	11.645	105	454389	53.797	ug/l	100
86) p-Isopropyltoluene	11.796	119	377433	53.475	ug/l	99
87) 1,3-Dichlorobenzene	11.748	146	187304	50.002	ug/l	100
88) 1,4-Dichlorobenzene	11.838	146	187741	49.555	ug/l	99
89) n-Butylbenzene	12.211	91	354847	52.191	ug/l	100
90) Hexachloroethane	12.478	117	66868	52.517	ug/l	97
91) 1,2-Dichlorobenzene	12.214	146	187059	51.327	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.999	75	38074	53.261	ug/l	95
93) 1,2,4-Trichlorobenzene	13.841	180	126817	50.327	ug/l	98
94) Hexachlorobutadiene	14.024	225	51102	46.980	ug/l	98
95) Naphthalene	14.089	128	472959	49.927	ug/l	99
96) 1,2,3-Trichlorobenzene	14.333	180	130188	52.015	ug/l	99

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

