

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111021\
 Data File : VU045703.D
 Acq On : 10 Nov 2021 21:31
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Quant Time: Nov 11 00:20:35 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 11/11/2021
 Supervised By : Mahesh Dadoda 11/15/2021

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

Internal Standards						
1) Pentafluorobenzene	5.375	168	113176	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.250	114	203016	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	199078	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.815	152	102656	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.706	65	90330	53.294	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 106.580%			
35) Dibromofluoromethane	5.292	113	69171	51.033	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.060%			
50) Toluene-d8	7.899	98	258819	51.351	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 102.700%			
62) 4-Bromofluorobenzene	10.635	95	101619	50.280	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 100.560%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	71392	48.653	ug/l	99
3) Chloromethane	1.520	50	80020	47.661	ug/l	98
4) Vinyl Chloride	1.604	62	82596	50.502	ug/l	100
5) Bromomethane	1.842	94	49091	53.814	ug/l	98
6) Chloroethane	1.928	64	50819	47.612	ug/l	98
7) Trichlorofluoromethane	2.134	101	108969	50.385	ug/l	98
8) Diethyl Ether	2.375	74	43880	51.256	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.578	101	63577	50.344	ug/l	98
10) Methyl Iodide	2.723	142	68927	41.708	ug/l	93
11) Tert butyl alcohol	3.179	59	97861	291.702	ug/l	100
12) 1,1-Dichloroethene	2.578	96	62289	50.026	ug/l	96
13) Acrolein	2.485	56	13502	277.728	ug/l	99
14) Allyl chloride	2.922	41	112662	50.674	ug/l	98
15) Acrylonitrile	3.314	53	249541	278.597	ug/l	98
16) Acetone	2.626	43	197272	228.640	ug/l	98
17) Carbon Disulfide	2.793	76	152966	43.860	ug/l	99
18) Methyl Acetate	2.948	43	159391	54.238	ug/l	99
19) Methyl tert-butyl Ether	3.366	73	239427	53.420	ug/l	99
20) Methylene Chloride	3.047	84	76175	50.810	ug/l	98
21) trans-1,2-Dichloroethene	3.353	96	65961	50.921	ug/l	98
22) Diisopropyl ether	3.996	45	237081	54.309	ug/l	91
23) Vinyl Acetate	3.957	43	915159	272.570	ug/l	100
24) 1,1-Dichloroethane	3.870	63	137117	52.709	ug/l	99
25) 2-Butanone	4.703	43	324465	271.137	ug/l	99
26) 2,2-Dichloropropane	4.668	77	103557	48.040	ug/l	98
27) cis-1,2-Dichloroethene	4.668	96	80706	53.045	ug/l	99
28) Bromochloromethane	4.977	49	62154	50.116	ug/l	97
29) Tetrahydrofuran	5.050	42	207047	282.855	ug/l	100
30) Chloroform	5.092	83	137151	53.309	ug/l	99
31) Cyclohexane	5.391	56	116517	47.114	ug/l	97
32) 1,1,1-Trichloroethane	5.317	97	116432	53.069	ug/l	98
36) 1,1-Dichloropropene	5.530	75	95695	48.342	ug/l	99
37) Ethyl Acetate	4.803	43	119420	52.517	ug/l	98
38) Carbon Tetrachloride	5.526	117	98799	49.505	ug/l	98
39) Methylcyclohexane	6.764	83	115631	47.614	ug/l	96
40) Benzene	5.777	78	288496	49.225	ug/l	100

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41) Methacrylonitrile	4.973	41	65736	54.703	ug/l	98
42) 1,2-Dichloroethane	5.796	62	108488	51.247	ug/l	100
43) Isopropyl Acetate	5.912	43	179750	51.681	ug/l	99
44) Trichloroethene	6.546	130	72716	51.833	ug/l	98
45) 1,2-Dichloropropane	6.793	63	81309	52.432	ug/l	98
46) Dibromomethane	6.922	93	55075	51.256	ug/l	98
47) Bromodichloromethane	7.108	83	107889	52.918	ug/l	96
48) Methyl methacrylate	6.960	41	84496	52.782	ug/l	96
49) 1,4-Dioxane	6.964	88	45392	1102.586	ug/l #	96
51) 4-Methyl-2-Pentanone	7.793	43	626425	273.030	ug/l	99
52) Toluene	7.970	92	186000	51.838	ug/l	100
53) t-1,3-Dichloropropene	8.214	75	117800	50.275	ug/l	99
54) cis-1,3-Dichloropropene	7.610	75	127884	51.385	ug/l	97
55) 1,1,2-Trichloroethane	8.401	97	79358	53.365	ug/l	98
56) Ethyl methacrylate	8.336	69	124735	46.921	ug/l	98
57) 1,3-Dichloropropane	8.578	76	138520	51.717	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.465	63	298402	217.961	ug/l	99
59) 2-Hexanone	8.684	43	482576	241.974	ug/l	100
60) Dibromochloromethane	8.812	129	82290	53.142	ug/l	99
61) 1,2-Dibromoethane	8.925	107	82981	52.028	ug/l	98
64) Tetrachloroethene	8.555	164	61481	53.807	ug/l	99
65) Chlorobenzene	9.449	112	194751	49.803	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.536	131	71659	51.381	ug/l	98
67) Ethyl Benzene	9.571	91	354569	50.632	ug/l	100
68) m/p-Xylenes	9.697	106	273593	103.594	ug/l	100
69) o-Xylene	10.102	106	133403	51.956	ug/l	100
70) Styrene	10.118	104	228575	52.621	ug/l	99
71) Bromoform	10.295	173	60981	46.432	ug/l #	99
73) Isopropylbenzene	10.488	105	355440	52.992	ug/l	100
74) N-amyl acetate	10.320	43	152510	50.402	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.787	83	136559	51.387	ug/l	100
76) 1,2,3-Trichloropropane	10.828	75	120896m	38.834	ug/l	
77) Bromobenzene	10.783	156	82975	50.951	ug/l	96
78) n-propylbenzene	10.909	91	429949	51.503	ug/l	99
79) 2-Chlorotoluene	10.989	91	253091	51.315	ug/l	98
80) 1,3,5-Trimethylbenzene	11.092	105	306567	52.312	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.549	75	39100	41.675	ug/l	98
82) 4-Chlorotoluene	11.098	91	295353	51.062	ug/l	99
83) tert-Butylbenzene	11.423	119	291829	52.239	ug/l	99
84) 1,2,4-Trimethylbenzene	11.471	105	307035	52.715	ug/l	99
85) sec-Butylbenzene	11.645	105	384929	51.955	ug/l	100
86) p-Isopropyltoluene	11.796	119	316914	51.187	ug/l	99
87) 1,3-Dichlorobenzene	11.748	146	160401	48.816	ug/l	99
88) 1,4-Dichlorobenzene	11.838	146	161837	48.698	ug/l	100
89) n-Butylbenzene	12.211	91	294707	49.415	ug/l	99
90) Hexachloroethane	12.478	117	52559	47.059	ug/l	99
91) 1,2-Dichlorobenzene	12.214	146	160889	50.328	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.999	75	31814	50.736	ug/l	96
93) 1,2,4-Trichlorobenzene	13.841	180	105459	47.711	ug/l	98
94) Hexachlorobutadiene	14.024	225	44320	46.451	ug/l	99
95) Naphthalene	14.089	128	398915	48.047	ug/l	100
96) 1,2,3-Trichlorobenzene	14.333	180	110231	50.208	ug/l	99

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

