

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110521\
 Data File : VU045574.D
 Acq On : 05 Nov 2021 21:10
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Nov 06 21:47:04 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	132938	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.250	114	237127	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	233444	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	119060	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	103652	52.063	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 104.120%			
35) Dibromofluoromethane	5.292	113	80453	50.818	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.640%			
50) Toluene-d8	7.899	98	310028	52.663	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 105.320%			
62) 4-Bromofluorobenzene	10.636	95	120211	50.923	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 101.840%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	88575	51.389	ug/l	99
3) Chloromethane	1.520	50	96178	48.769	ug/l	100
4) Vinyl Chloride	1.604	62	100524	52.327	ug/l	100
5) Bromomethane	1.842	94	61086	57.009	ug/l	99
6) Chloroethane	1.928	64	61805	49.297	ug/l	98
7) Trichlorofluoromethane	2.137	101	128441	50.560	ug/l	98
8) Diethyl Ether	2.379	74	51544	51.258	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.581	101	75066	50.605	ug/l	97
10) Methyl Iodide	2.723	142	97595	50.276	ug/l	92
11) Tert butyl alcohol	3.179	59	117880	299.140	ug/l	100
12) 1,1-Dichloroethene	2.581	96	74675	51.058	ug/l	94
13) Acrolein	2.485	56	20935	366.607	ug/l	98
14) Allyl chloride	2.925	41	137280	52.568	ug/l	98
15) Acrylonitrile	3.311	53	281968	268.003	ug/l	99
16) Acetone	2.623	43	233822	230.715	ug/l	99
17) Carbon Disulfide	2.793	76	203808	49.751	ug/l	99
18) Methyl Acetate	2.948	43	182274	52.804	ug/l	100
19) Methyl tert-butyl Ether	3.366	73	280199	53.223	ug/l	98
20) Methylene Chloride	3.047	84	88582	50.303	ug/l	98
21) trans-1,2-Dichloroethene	3.356	96	79924	52.528	ug/l	94
22) Diisopropyl ether	3.996	45	277032	54.027	ug/l	93
23) Vinyl Acetate	3.957	43	1070947	271.553	ug/l	100
24) 1,1-Dichloroethane	3.871	63	160461	52.513	ug/l	99
25) 2-Butanone	4.700	43	371384	264.210	ug/l	99
26) 2,2-Dichloropropane	4.668	77	121744	48.081	ug/l	99
27) cis-1,2-Dichloroethene	4.671	96	94796	53.044	ug/l	100
28) Bromochloromethane	4.977	49	74224	50.952	ug/l	98
29) Tetrahydrofuran	5.051	42	234175	272.359	ug/l	100
30) Chloroform	5.092	83	157420	52.091	ug/l	100
31) Cyclohexane	5.391	56	145292	50.016	ug/l	98
32) 1,1,1-Trichloroethane	5.321	97	136236	52.864	ug/l	98
36) 1,1-Dichloropropene	5.530	75	116643	50.448	ug/l	99
37) Ethyl Acetate	4.803	43	137998	51.957	ug/l	99
38) Carbon Tetrachloride	5.526	117	118424	50.803	ug/l	99
39) Methylcyclohexane	6.764	83	142561	50.258	ug/l	96
40) Benzene	5.777	78	341958	49.954	ug/l	100

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41) Methacrylonitrile	4.973	41	75457	53.759	ug/l	99
42) 1,2-Dichloroethane	5.796	62	127616	51.611	ug/l	100
43) Isopropyl Acetate	5.912	43	214447	52.787	ug/l	100
44) Trichloroethene	6.546	130	82937	50.615	ug/l	98
45) 1,2-Dichloropropane	6.793	63	94884	52.384	ug/l	96
46) Dibromomethane	6.919	93	64481	51.378	ug/l	100
47) Bromodichloromethane	7.108	83	125006	52.494	ug/l	99
48) Methyl methacrylate	6.960	41	99539	53.234	ug/l	97
49) 1,4-Dioxane	6.964	88	57149	1188.478	ug/l #	96
51) 4-Methyl-2-Pentanone	7.793	43	718503	268.113	ug/l	100
52) Toluene	7.970	92	219600	52.398	ug/l	99
53) t-1,3-Dichloropropene	8.211	75	140763	51.433	ug/l	100
54) cis-1,3-Dichloropropene	7.610	75	151592	52.149	ug/l	96
55) 1,1,2-Trichloroethane	8.401	97	90654	52.191	ug/l	98
56) Ethyl methacrylate	8.333	69	149178	47.985	ug/l	97
57) 1,3-Dichloropropane	8.578	76	161153	51.512	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.465	63	388602	243.014	ug/l	99
59) 2-Hexanone	8.684	43	562199	241.367	ug/l	98
60) Dibromochloromethane	8.812	129	94289	52.132	ug/l	98
61) 1,2-Dibromoethane	8.925	107	95443	51.233	ug/l	99
64) Tetrachloroethene	8.555	164	68188	50.892	ug/l	99
65) Chlorobenzene	9.449	112	229579	50.067	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.536	131	82749	50.599	ug/l	99
67) Ethyl Benzene	9.571	91	423065	51.520	ug/l	99
68) m/p-Xylenes	9.697	106	322836	104.245	ug/l	98
69) o-Xylene	10.102	106	157666	52.366	ug/l	98
70) Styrene	10.115	104	270512	53.108	ug/l	99
71) Bromoform	10.291	173	69302	45.095	ug/l #	98
73) Isopropylbenzene	10.484	105	416909	53.592	ug/l	100
74) N-amyl acetate	10.320	43	193388	55.106	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.783	83	157136	50.983	ug/l	100
76) 1,2,3-Trichloropropane	10.825	75	143589m	39.769	ug/l	
77) Bromobenzene	10.783	156	97160	51.441	ug/l	97
78) n-propylbenzene	10.906	91	509566	52.630	ug/l	100
79) 2-Chlorotoluene	10.989	91	299105	52.289	ug/l	99
80) 1,3,5-Trimethylbenzene	11.089	105	364042	53.561	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.549	75	50045	45.681	ug/l	97
82) 4-Chlorotoluene	11.099	91	353823	52.742	ug/l	100
83) tert-Butylbenzene	11.423	119	343796	53.062	ug/l	99
84) 1,2,4-Trimethylbenzene	11.468	105	364415	53.946	ug/l	99
85) sec-Butylbenzene	11.645	105	453846	52.817	ug/l	100
86) p-Isopropyltoluene	11.796	119	378393	52.697	ug/l	100
87) 1,3-Dichlorobenzene	11.748	146	191715	50.307	ug/l	100
88) 1,4-Dichlorobenzene	11.838	146	193073	50.093	ug/l	100
89) n-Butylbenzene	12.211	91	358537	51.834	ug/l	100
90) Hexachloroethane	12.478	117	66520	51.353	ug/l	96
91) 1,2-Dichlorobenzene	12.214	146	188867	50.940	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.999	75	38953	53.562	ug/l	97
93) 1,2,4-Trichlorobenzene	13.841	180	130284	50.821	ug/l	98
94) Hexachlorobutadiene	14.024	225	51992	46.984	ug/l	99
95) Naphthalene	14.089	128	483530	50.168	ug/l	99
96) 1,2,3-Trichlorobenzene	14.330	180	132514	52.041	ug/l	99

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

