

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102921\
 Data File : VU045454.D
 Acq On : 29 Oct 2021 10:26
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Quant Time: Oct 30 04:02:27 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U102821W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 29 11:09:42 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 11/01/2021
 Supervised By : Mahesh Dadoda 11/01/2021

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

Internal Standards						
1) Pentafluorobenzene	5.379	168	193570	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	346298	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	330622	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.816	152	162730	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.706	65	159756	50.694	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 101.380%			
35) Dibromofluoromethane	5.295	113	116289	52.812	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.620%			
50) Toluene-d8	7.903	98	455140	52.711	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 105.420%			
62) 4-Bromofluorobenzene	10.636	95	177261	53.874	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 107.740%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	142158	50.134	ug/l	100
3) Chloromethane	1.520	50	185293	48.106	ug/l	99
4) Vinyl Chloride	1.607	62	162900	50.945	ug/l	100
5) Bromomethane	1.861	94	95865	49.386	ug/l	100
6) Chloroethane	1.935	64	98673	51.218	ug/l	98
7) Trichlorofluoromethane	2.141	101	188771	52.728	ug/l	100
8) Diethyl Ether	2.379	74	87511	52.722	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.584	101	115420	53.662	ug/l	98
10) Methyl Iodide	2.726	142	99460	48.310	ug/l	99
11) Tert butyl alcohol	3.227	59	181779	267.230	ug/l	99
12) 1,1-Dichloroethene	2.584	96	112833	51.021	ug/l	99
13) Acrolein	2.491	56	36757	241.432	ug/l	100
14) Allyl chloride	2.928	41	213759	52.639	ug/l	100
15) Acrylonitrile	3.324	53	423120	256.557	ug/l	99
16) Acetone	2.646	43	450312	314.754	ug/l	100
17) Carbon Disulfide	2.797	76	334404	51.959	ug/l	99
18) Methyl Acetate	2.954	43	269229	50.534	ug/l	99
19) Methyl tert-butyl Ether	3.369	73	429554	52.792	ug/l	99
20) Methylene Chloride	3.051	84	136528	47.890	ug/l	98
21) trans-1,2-Dichloroethene	3.359	96	123226	51.707	ug/l	97
22) Diisopropyl ether	3.996	45	423387	53.316	ug/l	99
23) Vinyl Acetate	3.961	43	1652524	268.275	ug/l	100
24) 1,1-Dichloroethane	3.874	63	240792	51.745	ug/l	99
25) 2-Butanone	4.710	43	616469	285.429	ug/l	100
26) 2,2-Dichloropropane	4.671	77	200249	55.547	ug/l	99
27) cis-1,2-Dichloroethene	4.671	96	143526	52.337	ug/l	98
28) Bromochloromethane	4.980	49	115358	50.258	ug/l	100
29) Tetrahydrofuran	5.057	42	360008	257.026	ug/l	100
30) Chloroform	5.092	83	234399	51.950	ug/l	100
31) Cyclohexane	5.391	56	233376	49.741	ug/l	99
32) 1,1,1-Trichloroethane	5.321	97	193683	52.304	ug/l	99
36) 1,1-Dichloropropene	5.530	75	178393	54.116	ug/l	100
37) Ethyl Acetate	4.806	43	210431	52.709	ug/l	99
38) Carbon Tetrachloride	5.530	117	154980	53.906	ug/l	98
39) Methylcyclohexane	6.768	83	230348	56.192	ug/l	98
40) Benzene	5.777	78	529384	53.349	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.977	41	117403	55.567	ug/l	98
42) 1,2-Dichloroethane	5.797	62	194050	53.245	ug/l	100
43) Isopropyl Acetate	5.915	43	326476	54.263	ug/l	99
44) Trichloroethene	6.546	130	123520	53.707	ug/l	100
45) 1,2-Dichloropropane	6.796	63	139817	53.539	ug/l	98
46) Dibromomethane	6.922	93	93871	55.205	ug/l	99
47) Bromodichloromethane	7.108	83	184344	55.086	ug/l	98
48) Methyl methacrylate	6.964	41	155691	54.595	ug/l	100
49) 1,4-Dioxane	7.018	88	89278	1231.849	ug/l #	99
51) 4-Methyl-2-Pentanone	7.793	43	1047304	269.320	ug/l	100
52) Toluene	7.973	92	329517	54.627	ug/l	99
53) t-1,3-Dichloropropene	8.214	75	215232	56.429	ug/l	99
54) cis-1,3-Dichloropropene	7.610	75	229186	56.108	ug/l	99
55) 1,1,2-Trichloroethane	8.404	97	133209	54.063	ug/l	99
56) Ethyl methacrylate	8.337	69	225454	50.005	ug/l	100
57) 1,3-Dichloropropane	8.581	76	236360	54.041	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.468	63	598837	265.149	ug/l	99
59) 2-Hexanone	8.687	43	849625	281.994	ug/l	100
60) Dibromochloromethane	8.812	129	129410	54.726	ug/l	100
61) 1,2-Dibromoethane	8.928	107	140534	54.453	ug/l	99
64) Tetrachloroethene	8.558	164	100479	53.166	ug/l	99
65) Chlorobenzene	9.452	112	331211	52.837	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.539	131	113885	53.848	ug/l	99
67) Ethyl Benzene	9.575	91	628104	54.699	ug/l	99
68) m/p-Xylenes	9.697	106	479309	110.580	ug/l	99
69) o-Xylene	10.105	106	232565	55.025	ug/l	98
70) Styrene	10.118	104	398850	51.017	ug/l	100
71) Bromoform	10.295	173	94888	49.619	ug/l #	100
73) Isopropylbenzene	10.488	105	605302	55.164	ug/l	100
74) N-amyl acetate	10.324	43	283243	49.773	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.787	83	232334	53.349	ug/l	99
76) 1,2,3-Trichloropropane	10.828	75	214817m	49.545	ug/l	
77) Bromobenzene	10.787	156	138060	53.925	ug/l	98
78) n-propylbenzene	10.909	91	755131	56.764	ug/l	100
79) 2-Chlorotoluene	10.989	91	443325	55.365	ug/l	100
80) 1,3,5-Trimethylbenzene	11.092	105	525677	56.934	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.549	75	78608	50.613	ug/l	99
82) 4-Chlorotoluene	11.099	91	512353	56.268	ug/l	100
83) tert-Butylbenzene	11.423	119	501398	56.259	ug/l	98
84) 1,2,4-Trimethylbenzene	11.472	105	526210	56.880	ug/l	100
85) sec-Butylbenzene	11.648	105	666608	56.997	ug/l	100
86) p-Isopropyltoluene	11.796	119	547077	52.791	ug/l	99
87) 1,3-Dichlorobenzene	11.748	146	271453	53.713	ug/l	99
88) 1,4-Dichlorobenzene	11.841	146	276058	53.417	ug/l	100
89) n-Butylbenzene	12.211	91	540920	53.278	ug/l	100
90) Hexachloroethane	12.481	117	92632	55.490	ug/l	98
91) 1,2-Dichlorobenzene	12.217	146	272489	53.909	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.999	75	57228	54.711	ug/l	99
93) 1,2,4-Trichlorobenzene	13.844	180	190007	56.133	ug/l	99
94) Hexachlorobutadiene	14.024	225	72872	59.126	ug/l	99
95) Naphthalene	14.089	128	705249	52.693	ug/l	99
96) 1,2,3-Trichlorobenzene	14.333	180	192586	56.444	ug/l	100

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

