

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110221\
 Data File : VU045489.D
 Acq On : 01 Nov 2021 15:49
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Quant Time: Nov 02 07:32:34 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 :Mahesh Dadoda 11/03/2021
 Supervised By :Semsettin Yesilyurt 11/09/2021

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

Internal Standards						
1) Pentafluorobenzene	5.379	168	194591	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	352366	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	335253	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.816	152	166087	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.706	65	153177	48.351	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.700%		
35) Dibromofluoromethane	5.295	113	111878	49.934	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.860%		
50) Toluene-d8	7.903	98	445514	50.708	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	101.420%		
62) 4-Bromofluorobenzene	10.636	95	170222	50.844	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	101.680%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	138052	48.443	ug/l	100
3) Chloromethane	1.520	50	180046	46.498	ug/l	99
4) Vinyl Chloride	1.604	62	157828	49.099	ug/l	100
5) Bromomethane	1.861	94	96704	49.556	ug/l	99
6) Chloroethane	1.935	64	91133	47.056	ug/l	99
7) Trichlorofluoromethane	2.141	101	183259	50.920	ug/l	100
8) Diethyl Ether	2.379	74	86543	51.865	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.584	101	111891	51.748	ug/l	99
10) Methyl Iodide	2.726	142	76442	39.138	ug/l	100
11) Tert butyl alcohol	3.218	59	190171	278.100	ug/l	100
12) 1,1-Dichloroethene	2.584	96	111585	50.192	ug/l	97
13) Acrolein	2.491	56	30868	201.687	ug/l	98
14) Allyl chloride	2.928	41	211032	51.694	ug/l	100
15) Acrylonitrile	3.321	53	432267	260.728	ug/l	99
16) Acetone	2.642	43	444742	309.229	ug/l	99
17) Carbon Disulfide	2.797	76	324620	50.174	ug/l	100
18) Methyl Acetate	2.954	43	275379	51.417	ug/l	100
19) Methyl tert-butyl Ether	3.366	73	424518	51.899	ug/l	99
20) Methylene Chloride	3.051	84	136031	47.465	ug/l	99
21) trans-1,2-Dichloroethene	3.356	96	121158	50.572	ug/l	97
22) Diisopropyl ether	3.996	45	419036	52.491	ug/l	99
23) Vinyl Acetate	3.961	43	1650078	266.472	ug/l	100
24) 1,1-Dichloroethane	3.877	63	236269	50.507	ug/l	99
25) 2-Butanone	4.710	43	614382	282.970	ug/l	99
26) 2,2-Dichloropropane	4.671	77	188810	52.099	ug/l	100
27) cis-1,2-Dichloroethene	4.671	96	143260	51.966	ug/l	99
28) Bromochloromethane	4.980	49	112448	48.733	ug/l	99
29) Tetrahydrofuran	5.057	42	367894	261.279	ug/l	100
30) Chloroform	5.092	83	231577	51.055	ug/l	99
31) Cyclohexane	5.391	56	226760	48.077	ug/l	100
32) 1,1,1-Trichloroethane	5.321	97	190233	51.103	ug/l	99
36) 1,1-Dichloropropene	5.530	75	175456	52.309	ug/l	99
37) Ethyl Acetate	4.806	43	212937	52.419	ug/l	100
38) Carbon Tetrachloride	5.530	117	151964	51.947	ug/l	98
39) Methylcyclohexane	6.768	83	224937	53.927	ug/l	99
40) Benzene	5.777	78	522199	51.719	ug/l	99

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41) Methacrylonitrile	4.977	41	118256	55.007	ug/l	99
42) 1,2-Dichloroethane	5.800	62	191674	51.687	ug/l	99
43) Isopropyl Acetate	5.912	43	328670	53.687	ug/l	99
44) Trichloroethene	6.546	130	123366	52.716	ug/l	99
45) 1,2-Dichloropropane	6.796	63	139044	52.326	ug/l	99
46) Dibromomethane	6.922	93	92753	53.608	ug/l	99
47) Bromodichloromethane	7.108	83	180667	53.058	ug/l	97
48) Methyl methacrylate	6.964	41	156587	53.964	ug/l	100
49) 1,4-Dioxane	7.012	88	88306	1197.455	ug/l #	98
51) 4-Methyl-2-Pentanone	7.793	43	1065635	269.315	ug/l	99
52) Toluene	7.973	92	327489	53.356	ug/l	100
53) t-1,3-Dichloropropene	8.214	75	210625	54.271	ug/l	100
54) cis-1,3-Dichloropropene	7.610	75	226786	54.564	ug/l	99
55) 1,1,2-Trichloroethane	8.404	97	130817	52.178	ug/l	99
56) Ethyl methacrylate	8.337	69	224189	48.906	ug/l	100
57) 1,3-Dichloropropane	8.578	76	234582	52.711	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.465	63	596123	259.402	ug/l	99
59) 2-Hexanone	8.687	43	848829	276.879	ug/l	100
60) Dibromochloromethane	8.812	129	129138	53.670	ug/l	100
61) 1,2-Dibromoethane	8.928	107	141837	54.011	ug/l	98
64) Tetrachloroethene	8.558	164	101729	53.084	ug/l	99
65) Chlorobenzene	9.449	112	331257	52.114	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.539	131	114509	53.395	ug/l	99
67) Ethyl Benzene	9.575	91	622280	53.443	ug/l	99
68) m/p-Xylenes	9.697	106	475023	108.077	ug/l	99
69) o-Xylene	10.102	106	230939	53.885	ug/l	99
70) Styrene	10.118	104	397184	50.119	ug/l	99
71) Bromoform	10.295	173	94114	48.578	ug/l #	99
73) Isopropylbenzene	10.488	105	600158	53.590	ug/l	100
74) N-amyl acetate	10.320	43	282670	48.694	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.787	83	230845	51.936	ug/l	100
76) 1,2,3-Trichloropropane	10.828	75	225717m	51.007	ug/l	
77) Bromobenzene	10.787	156	138847	53.137	ug/l	99
78) n-propylbenzene	10.909	91	746304	54.966	ug/l	100
79) 2-Chlorotoluene	10.989	91	432951	52.977	ug/l	99
80) 1,3,5-Trimethylbenzene	11.092	105	517738	54.941	ug/l	100
81) trans-1,4-Dichloro-2-b...	10.549	75	78351	49.491	ug/l	98
82) 4-Chlorotoluene	11.099	91	510132	54.892	ug/l	100
83) tert-Butylbenzene	11.423	119	493043	54.203	ug/l	99
84) 1,2,4-Trimethylbenzene	11.472	105	520249	55.099	ug/l	100
85) sec-Butylbenzene	11.645	105	654900	54.864	ug/l	99
86) p-Isopropyltoluene	11.796	119	542515	51.298	ug/l	100
87) 1,3-Dichlorobenzene	11.748	146	271470	52.631	ug/l	100
88) 1,4-Dichlorobenzene	11.838	146	276012	52.329	ug/l	100
89) n-Butylbenzene	12.211	91	531585	51.335	ug/l	100
90) Hexachloroethane	12.478	117	89464	52.509	ug/l	97
91) 1,2-Dichlorobenzene	12.214	146	270282	52.391	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.999	75	57165	53.546	ug/l	99
93) 1,2,4-Trichlorobenzene	13.844	180	190481	55.135	ug/l	99
94) Hexachlorobutadiene	14.024	225	68576	54.516	ug/l	99
95) Naphthalene	14.089	128	712931	52.191	ug/l	100
96) 1,2,3-Trichlorobenzene	14.333	180	191820	55.083	ug/l	99

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

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