

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092821\
 Data File : VU044958.D
 Acq On : 28 Sep 2021 22:13
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Quant Time: Sep 29 05:48:33 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U092821W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 28 12:32:13 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 09/29/2021
 Supervised By : Mahesh Dadoda 09/30/2021

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

Internal Standards						
1) Pentafluorobenzene	5.378	168	155048	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	284643	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	274190	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.816	152	133728	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.706	65	125083	48.464	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.920%		
35) Dibromofluoromethane	5.295	113	87317	48.628	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.260%		
50) Toluene-d8	7.903	98	351316	49.517	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	99.040%		
62) 4-Bromofluorobenzene	10.636	95	133605	45.613	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	91.220%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.388	85	101919	53.083	ug/l	98
3) Chloromethane	1.523	50	122839	49.393	ug/l	99
4) Vinyl Chloride	1.607	62	134439	54.139	ug/l	99
5) Bromomethane	1.851	94	89630	92.016	ug/l	99
6) Chloroethane	1.935	64	89545	46.940	ug/l	100
7) Trichlorofluoromethane	2.141	101	175565	53.537	ug/l	99
8) Diethyl Ether	2.379	74	80307	53.435	ug/l	90
9) 1,1,2-Trichlorotrifluo...	2.584	101	97053	52.039	ug/l	98
10) Methyl Iodide	2.726	142	100079	50.277	ug/l	98
11) Tert butyl alcohol	3.179	59	132636	179.056	ug/l	100
12) 1,1-Dichloroethene	2.584	96	97826	53.216	ug/l	96
13) Acrolein	2.488	56	35555	246.222	ug/l	99
14) Allyl chloride	2.928	41	171965	50.548	ug/l	93
15) Acrylonitrile	3.314	53	370568	248.051	ug/l	100
16) Acetone	2.626	43	311125	203.083	ug/l	99
17) Carbon Disulfide	2.797	76	280159	51.627	ug/l	100
18) Methyl Acetate	2.951	43	222448	49.680	ug/l	97
19) Methyl tert-butyl Ether	3.369	73	375254	52.881	ug/l	98
20) Methylene Chloride	3.051	84	119771	51.904	ug/l	97
21) trans-1,2-Dichloroethene	3.356	96	106492	52.956	ug/l	96
22) Diisopropyl ether	3.999	45	362487	52.190	ug/l	96
23) Vinyl Acetate	3.961	43	1507030	266.784	ug/l	98
24) 1,1-Dichloroethane	3.877	63	211894	53.144	ug/l	99
25) 2-Butanone	4.703	43	501627	230.460	ug/l	99
26) 2,2-Dichloropropane	4.671	77	152486	45.235	ug/l	99
27) cis-1,2-Dichloroethene	4.671	96	125564	52.868	ug/l	98
28) Bromochloromethane	4.980	49	81327	49.212	ug/l	95
29) Tetrahydrofuran	5.054	42	320612	247.443	ug/l	95
30) Chloroform	5.092	83	211196	52.554	ug/l	98
31) Cyclohexane	5.395	56	194172	49.527	ug/l	96
32) 1,1,1-Trichloroethane	5.321	97	176289	53.166	ug/l	99
36) 1,1-Dichloropropene	5.530	75	157958	53.065	ug/l	99
37) Ethyl Acetate	4.806	43	193846	49.218	ug/l	98
38) Carbon Tetrachloride	5.530	117	139220	54.050	ug/l	99
39) Methylcyclohexane	6.768	83	190335	52.086	ug/l	96
40) Benzene	5.780	78	462787	52.200	ug/l	100

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41) Methacrylonitrile	4.977	41	104336	51.458	ug/l	97
42) 1,2-Dichloroethane	5.800	62	182852	52.475	ug/l	100
43) Isopropyl Acetate	5.915	43	297672	50.238	ug/l	98
44) Trichloroethene	6.546	130	111326	53.259	ug/l	99
45) 1,2-Dichloropropane	6.796	63	122657	52.184	ug/l	98
46) Dibromomethane	6.922	93	83782	52.912	ug/l	99
47) Bromodichloromethane	7.112	83	166922	54.294	ug/l	98
48) Methyl methacrylate	6.964	41	144254	50.017	ug/l	96
49) 1,4-Dioxane	6.964	88	41635	548.870	ug/l	94
51) 4-Methyl-2-Pentanone	7.793	43	995389	230.752	ug/l	98
52) Toluene	7.973	92	293699	52.931	ug/l	100
53) t-1,3-Dichloropropene	8.214	75	183141	52.092	ug/l	100
54) cis-1,3-Dichloropropene	7.610	75	195995	53.520	ug/l	98
55) 1,1,2-Trichloroethane	8.404	97	117921	51.005	ug/l	99
56) Ethyl methacrylate	8.337	69	203012	45.397	ug/l	98
57) 1,3-Dichloropropane	8.578	76	210678	51.060	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.468	63	291967	207.553	ug/l	98
59) 2-Hexanone	8.687	43	777866	221.440	ug/l	98
60) Dibromochloromethane	8.812	129	117197	47.904	ug/l	100
61) 1,2-Dibromoethane	8.928	107	128507	52.291	ug/l	99
64) Tetrachloroethene	8.558	164	98056	54.793	ug/l	99
65) Chlorobenzene	9.449	112	302537	52.628	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.539	131	102322	50.983	ug/l	99
67) Ethyl Benzene	9.574	91	565643	53.472	ug/l	100
68) m/p-Xylenes	9.697	106	434422	105.707	ug/l	99
69) o-Xylene	10.105	106	211875	51.946	ug/l	99
70) Styrene	10.118	104	359130	52.484	ug/l	99
71) Bromoform	10.295	173	83909	43.752	ug/l #	99
73) Isopropylbenzene	10.488	105	553329	55.563	ug/l	100
74) N-amyl acetate	10.324	43	256653	51.184	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.787	83	207404	48.134	ug/l	99
76) 1,2,3-Trichloropropane	10.828	75	185036m	47.438	ug/l	
77) Bromobenzene	10.787	156	126276	52.512	ug/l	99
78) n-propylbenzene	10.909	91	679168	55.964	ug/l	100
79) 2-Chlorotoluene	10.989	91	397540	52.260	ug/l	100
80) 1,3,5-Trimethylbenzene	11.092	105	475760	54.534	ug/l	100
81) trans-1,4-Dichloro-2-b...	10.549	75	64584	45.950	ug/l	100
82) 4-Chlorotoluene	11.099	91	462489	53.788	ug/l	100
83) tert-Butylbenzene	11.423	119	445724	52.527	ug/l	99
84) 1,2,4-Trimethylbenzene	11.472	105	473160	54.821	ug/l	100
85) sec-Butylbenzene	11.648	105	602277	55.114	ug/l	99
86) p-Isopropyltoluene	11.796	119	493144	56.101	ug/l	99
87) 1,3-Dichlorobenzene	11.748	146	242463	52.651	ug/l	99
88) 1,4-Dichlorobenzene	11.838	146	245592	52.133	ug/l	100
89) n-Butylbenzene	12.211	91	463410	57.237	ug/l	99
90) Hexachloroethane	12.478	117	82216	51.795	ug/l	97
91) 1,2-Dichlorobenzene	12.214	146	242393	51.491	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.999	75	51885	51.033	ug/l	99
93) 1,2,4-Trichlorobenzene	13.844	180	148295	56.527	ug/l	99
94) Hexachlorobutadiene	14.024	225	57288	52.311	ug/l	98
95) Naphthalene	14.089	128	536650	54.388	ug/l	100
96) 1,2,3-Trichlorobenzene	14.333	180	147790	56.093	ug/l	99

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

