

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092821\
 Data File : VU044956.D
 Acq On : 28 Sep 2021 21:02
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

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

Quant Time: Sep 29 05:48:15 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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.378	168	161174	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	296675	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	283492	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.815	152	141673	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.706	65	125034	46.603	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	93.200%		
35) Dibromofluoromethane	5.295	113	87599	46.806	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.620%		
50) Toluene-d8	7.902	98	345916	46.779	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	93.560%		
62) 4-Bromofluorobenzene	10.635	95	131832	43.182	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	86.360%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	92680	46.436	ug/l	100
3) Chloromethane	1.523	50	110488	42.738	ug/l	100
4) Vinyl Chloride	1.607	62	124705	48.310	ug/l	99
5) Bromomethane	1.854	94	81865	80.850	ug/l	98
6) Chloroethane	1.935	64	78759	39.717	ug/l	98
7) Trichlorofluoromethane	2.141	101	159363	46.749	ug/l	99
8) Diethyl Ether	2.382	74	72521	46.420	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.584	101	87810	45.294	ug/l	99
10) Methyl Iodide	2.726	142	90791	43.877	ug/l	98
11) Tert butyl alcohol	3.179	59	118351	153.699	ug/l	99
12) 1,1-Dichloroethene	2.584	96	90877	47.557	ug/l	93
13) Acrolein	2.488	56	32110	214.323	ug/l	99
14) Allyl chloride	2.928	41	157533	44.546	ug/l	93
15) Acrylonitrile	3.317	53	337249	217.167	ug/l	99
16) Acetone	2.629	43	276546	173.651	ug/l	100
17) Carbon Disulfide	2.797	76	259819	46.059	ug/l	99
18) Methyl Acetate	2.951	43	200834	43.148	ug/l	97
19) Methyl tert-butyl Ether	3.369	73	342722	46.461	ug/l	100
20) Methylene Chloride	3.051	84	107884	44.976	ug/l	96
21) trans-1,2-Dichloroethene	3.359	96	98307	47.028	ug/l	94
22) Diisopropyl ether	3.999	45	329382	45.621	ug/l	97
23) Vinyl Acetate	3.960	43	1385753	235.991	ug/l	98
24) 1,1-Dichloroethane	3.877	63	195751	47.229	ug/l	100
25) 2-Butanone	4.703	43	453435	200.402	ug/l	97
26) 2,2-Dichloropropane	4.671	77	139636	39.849	ug/l	99
27) cis-1,2-Dichloroethene	4.674	96	116129	47.037	ug/l	98
28) Bromochloromethane	4.980	49	83129	48.390	ug/l	93
29) Tetrahydrofuran	5.054	42	293299	217.760	ug/l	95
30) Chloroform	5.095	83	192844	46.163	ug/l	98
31) Cyclohexane	5.391	56	177435	43.538	ug/l	97
32) 1,1,1-Trichloroethane	5.324	97	161018	46.715	ug/l	98
36) 1,1-Dichloropropene	5.533	75	144371	46.533	ug/l	99
37) Ethyl Acetate	4.806	43	179228	43.661	ug/l	98
38) Carbon Tetrachloride	5.530	117	127694	47.564	ug/l	98
39) Methylcyclohexane	6.767	83	172569	45.309	ug/l	96
40) Benzene	5.780	78	422271	45.698	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.977	41	94684	44.804	ug/l	97
42) 1,2-Dichloroethane	5.800	62	166106	45.736	ug/l	99
43) Isopropyl Acetate	5.915	43	272043	44.050	ug/l	98
44) Trichloroethene	6.546	130	102885	47.224	ug/l	99
45) 1,2-Dichloropropane	6.796	63	112447	45.900	ug/l	98
46) Dibromomethane	6.922	93	76944	46.623	ug/l	99
47) Bromodichloromethane	7.108	83	152796	47.683	ug/l	99
48) Methyl methacrylate	6.964	41	130961	43.566	ug/l	95
49) 1,4-Dioxane	6.967	88	36041	448.735	ug/l	95
51) 4-Methyl-2-Pentanone	7.793	43	914952	203.503	ug/l	99
52) Toluene	7.973	92	269831	46.657	ug/l	100
53) t-1,3-Dichloropropene	8.214	75	169427	46.237	ug/l	99
54) cis-1,3-Dichloropropene	7.610	75	179423	47.007	ug/l	99
55) 1,1,2-Trichloroethane	8.404	97	109019	45.242	ug/l	99
56) Ethyl methacrylate	8.336	69	188332	40.606	ug/l	98
57) 1,3-Dichloropropane	8.581	76	193420	44.976	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.465	63	268628	185.782	ug/l	97
59) 2-Hexanone	8.687	43	713745	194.945	ug/l	98
60) Dibromochloromethane	8.812	129	107561	42.442	ug/l	99
61) 1,2-Dibromoethane	8.928	107	117255	45.777	ug/l	99
64) Tetrachloroethene	8.555	164	90172	48.734	ug/l	97
65) Chlorobenzene	9.449	112	274362	46.161	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.539	131	94646	45.611	ug/l	99
67) Ethyl Benzene	9.574	91	518805	47.435	ug/l	99
68) m/p-Xylenes	9.697	106	397850	93.631	ug/l	98
69) o-Xylene	10.105	106	194948	46.227	ug/l	99
70) Styrene	10.118	104	328915	46.491	ug/l	98
71) Bromoform	10.295	173	77570	39.238	ug/l #	99
73) Isopropylbenzene	10.488	105	505796	47.942	ug/l	100
74) N-amyl acetate	10.324	43	239212	45.030	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.787	83	189914	41.603	ug/l	99
76) 1,2,3-Trichloropropane	10.828	75	167274m	40.479	ug/l	
77) Bromobenzene	10.787	156	115051	45.161	ug/l	99
78) n-propylbenzene	10.909	91	626210	48.706	ug/l	99
79) 2-Chlorotoluene	10.989	91	366057	45.422	ug/l	100
80) 1,3,5-Trimethylbenzene	11.092	105	435940	47.167	ug/l	100
81) trans-1,4-Dichloro-2-b...	10.549	75	58171	39.066	ug/l	99
82) 4-Chlorotoluene	11.098	91	426965	46.872	ug/l	100
83) tert-Butylbenzene	11.423	119	409749	45.579	ug/l	98
84) 1,2,4-Trimethylbenzene	11.471	105	437284	47.823	ug/l	100
85) sec-Butylbenzene	11.648	105	548390	47.369	ug/l	99
86) p-Isopropyltoluene	11.796	119	451103	48.440	ug/l	99
87) 1,3-Dichlorobenzene	11.748	146	221455	45.392	ug/l	100
88) 1,4-Dichlorobenzene	11.841	146	227235	45.531	ug/l	99
89) n-Butylbenzene	12.211	91	423723	49.400	ug/l	98
90) Hexachloroethane	12.481	117	75215	44.727	ug/l	96
91) 1,2-Dichlorobenzene	12.217	146	223276	44.770	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.999	75	49000	45.493	ug/l	98
93) 1,2,4-Trichlorobenzene	13.844	180	139609	50.232	ug/l	99
94) Hexachlorobutadiene	14.024	225	52037	44.852	ug/l	99
95) Naphthalene	14.089	128	528854	50.593	ug/l	100
96) 1,2,3-Trichlorobenzene	14.333	180	139704	50.051	ug/l	99

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

