

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110821\
 Data File : VU045646.D
 Acq On : 09 Nov 2021 03:49
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/09/2021
 Supervised By : Mahesh Dadoda 11/15/2021

Quant Time: Nov 09 11:18:07 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

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

Internal Standards						
1) Pentafluorobenzene	5.375	168	134240	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.250	114	248311	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	239350	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	123747	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	105540	52.497	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 105.000%			
35) Dibromofluoromethane	5.292	113	82586	49.815	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.640%			
50) Toluene-d8	7.899	98	309018	50.127	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.260%			
62) 4-Bromofluorobenzene	10.632	95	122878	49.708	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 99.420%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	83178	47.790	ug/l	99
3) Chloromethane	1.520	50	89198	44.791	ug/l	100
4) Vinyl Chloride	1.604	62	98300	50.673	ug/l	99
5) Bromomethane	1.845	94	57341	52.995	ug/l	98
6) Chloroethane	1.929	64	60432	47.735	ug/l	98
7) Trichlorofluoromethane	2.138	101	126422	49.283	ug/l	99
8) Diethyl Ether	2.379	74	50771	49.999	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.581	101	71731	47.888	ug/l	97
10) Methyl Iodide	2.723	142	82831	42.256	ug/l	92
11) Tert butyl alcohol	3.176	59	106500	267.640	ug/l	100
12) 1,1-Dichloroethene	2.581	96	72667	49.203	ug/l	96
13) Acrolein	2.485	56	15244	264.359	ug/l	100
14) Allyl chloride	2.925	41	129188	48.989	ug/l	99
15) Acrylonitrile	3.311	53	277067	260.791	ug/l	99
16) Acetone	2.623	43	220501	215.461	ug/l	99
17) Carbon Disulfide	2.794	76	189369	45.778	ug/l	99
18) Methyl Acetate	2.945	43	179397	51.467	ug/l	99
19) Methyl tert-butyl Ether	3.366	73	276601	52.030	ug/l	98
20) Methylene Chloride	3.048	84	88369	49.695	ug/l	98
21) trans-1,2-Dichloroethene	3.353	96	77859	50.674	ug/l	99
22) Diisopropyl ether	3.996	45	273331	52.788	ug/l	90
23) Vinyl Acetate	3.957	43	1060311	266.249	ug/l	99
24) 1,1-Dichloroethane	3.871	63	157274	50.971	ug/l	99
25) 2-Butanone	4.700	43	360540	254.008	ug/l	99
26) 2,2-Dichloropropane	4.668	77	95847	37.486	ug/l	99
27) cis-1,2-Dichloroethene	4.671	96	93086	51.582	ug/l	97
28) Bromochloromethane	4.977	49	69286	47.101	ug/l	98
29) Tetrahydrofuran	5.047	42	231803	266.985	ug/l	100
30) Chloroform	5.092	83	155273	50.882	ug/l	100
31) Cyclohexane	5.391	56	136542	46.548	ug/l	97
32) 1,1,1-Trichloroethane	5.318	97	134784	51.794	ug/l	97
36) 1,1-Dichloropropene	5.530	75	115198	47.579	ug/l	100
37) Ethyl Acetate	4.803	43	138237	49.703	ug/l	100
38) Carbon Tetrachloride	5.527	117	114916	47.078	ug/l	100
39) Methylcyclohexane	6.764	83	132910	44.745	ug/l	97
40) Benzene	5.777	78	335591	46.816	ug/l	99

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41) Methacrylonitrile	4.970	41	75686	51.494	ug/l	99
42) 1,2-Dichloroethane	5.797	62	126532	48.868	ug/l	99
43) Isopropyl Acetate	5.912	43	213200	50.116	ug/l	99
44) Trichloroethene	6.543	130	82756	48.230	ug/l	99
45) 1,2-Dichloropropane	6.793	63	93385	49.234	ug/l	98
46) Dibromomethane	6.922	93	63085	48.001	ug/l	98
47) Bromodichloromethane	7.108	83	123130	49.377	ug/l	97
48) Methyl methacrylate	6.961	41	100096	51.121	ug/l	98
49) 1,4-Dioxane	6.964	88	53464	1061.766	ug/l #	94
51) 4-Methyl-2-Pentanone	7.790	43	709867	252.960	ug/l	99
52) Toluene	7.970	92	216512	49.335	ug/l	99
53) t-1,3-Dichloropropene	8.211	75	135195	47.174	ug/l	100
54) cis-1,3-Dichloropropene	7.610	75	143766	47.229	ug/l	96
55) 1,1,2-Trichloroethane	8.401	97	90765	49.902	ug/l	99
56) Ethyl methacrylate	8.333	69	147929	45.569	ug/l	98
57) 1,3-Dichloropropane	8.578	76	159531	48.697	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.465	63	350376	209.241	ug/l	99
59) 2-Hexanone	8.684	43	551891	226.741	ug/l	98
60) Dibromochloromethane	8.813	129	95377	50.358	ug/l	100
61) 1,2-Dibromoethane	8.925	107	96561	49.499	ug/l	98
64) Tetrachloroethene	8.555	164	68907	50.159	ug/l	98
65) Chlorobenzene	9.449	112	227327	48.353	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.536	131	81665	48.704	ug/l	99
67) Ethyl Benzene	9.571	91	415201	49.315	ug/l	100
68) m/p-Xylenes	9.697	106	320084	100.806	ug/l	100
69) o-Xylene	10.102	106	156074	50.558	ug/l	99
70) Styrene	10.115	104	269971	51.694	ug/l	98
71) Bromoform	10.292	173	70072	44.513	ug/l #	100
73) Isopropylbenzene	10.485	105	409654	50.665	ug/l	100
74) N-amyl acetate	10.321	43	192113	52.669	ug/l	100
75) 1,1,2,2-Tetrachloroethane	10.784	83	157526	49.174	ug/l	99
76) 1,2,3-Trichloropropane	10.825	75	142330m	37.927	ug/l	
77) Bromobenzene	10.784	156	98174	50.010	ug/l	96
78) n-propylbenzene	10.906	91	497167	49.404	ug/l	99
79) 2-Chlorotoluene	10.986	91	296151	49.811	ug/l	99
80) 1,3,5-Trimethylbenzene	11.089	105	353551	50.047	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.549	75	45369	40.227	ug/l	97
82) 4-Chlorotoluene	11.099	91	345076	49.490	ug/l	99
83) tert-Butylbenzene	11.423	119	337931	50.182	ug/l	98
84) 1,2,4-Trimethylbenzene	11.468	105	356998	50.847	ug/l	100
85) sec-Butylbenzene	11.645	105	439896	49.254	ug/l	100
86) p-Isopropyltoluene	11.796	119	364554	48.847	ug/l	99
87) 1,3-Dichlorobenzene	11.748	146	185758	46.898	ug/l	99
88) 1,4-Dichlorobenzene	11.838	146	190974	47.672	ug/l	99
89) n-Butylbenzene	12.211	91	336499	46.806	ug/l	99
90) Hexachloroethane	12.478	117	63317	47.029	ug/l	95
91) 1,2-Dichlorobenzene	12.214	146	188550	48.928	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.999	75	37738	49.926	ug/l	97
93) 1,2,4-Trichlorobenzene	13.841	180	125252	47.008	ug/l	99
94) Hexachlorobutadiene	14.025	225	48184	41.893	ug/l	98
95) Naphthalene	14.086	128	468101	46.798	ug/l	99
96) 1,2,3-Trichlorobenzene	14.330	180	126388	47.756	ug/l	99

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

