

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092821\
 Data File : VU044940.D
 Acq On : 28 Sep 2021 14:46
 Operator : SY/MD
 Sample : VU0928WBS01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0928WBS01

Manual Integrations
 APPROVED

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

Quant Time: Sep 28 15:54:06 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	163772	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	297191	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	283973	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.816	152	139229	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.706	65	126441	46.380	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	92.760%		
35) Dibromofluoromethane	5.295	113	88899	47.418	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.840%		
50) Toluene-d8	7.902	98	348445	47.039	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	94.080%		
62) 4-Bromofluorobenzene	10.635	95	130825	42.778	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	85.560%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	39664	19.558	ug/l	99
3) Chloromethane	1.520	50	48683	18.533	ug/l	98
4) Vinyl Chloride	1.607	62	50941	19.421	ug/l	99
5) Bromomethane	1.845	94	35437	34.443	ug/l	98
6) Chloroethane	1.928	64	34375	17.060	ug/l	99
7) Trichlorofluoromethane	2.137	101	67460	19.475	ug/l	99
8) Diethyl Ether	2.379	74	31319	19.729	ug/l	88
9) 1,1,2-Trichlorotrifluo...	2.581	101	37233	18.901	ug/l	99
10) Methyl Iodide	2.726	142	35362	16.819	ug/l	97
11) Tert butyl alcohol	3.182	59	64464	82.389	ug/l	100
12) 1,1-Dichloroethene	2.581	96	37068	19.090	ug/l	96
13) Acrolein	2.488	56	12887	86.542	ug/l	98
14) Allyl chloride	2.925	41	68024	18.930	ug/l	95
15) Acrylonitrile	3.317	53	151775	96.183	ug/l	99
16) Acetone	2.629	43	142322	87.950	ug/l	98
17) Carbon Disulfide	2.797	76	106998	18.667	ug/l	99
18) Methyl Acetate	2.951	43	92035	19.460	ug/l	97
19) Methyl tert-butyl Ether	3.369	73	145643	19.431	ug/l	99
20) Methylene Chloride	3.051	84	46523	19.087	ug/l	95
21) trans-1,2-Dichloroethene	3.356	96	40391	19.016	ug/l	99
22) Diisopropyl ether	3.999	45	138390	18.864	ug/l	96
23) Vinyl Acetate	3.961	43	579034	97.044	ug/l	98
24) 1,1-Dichloroethane	3.874	63	80523	19.120	ug/l	99
25) 2-Butanone	4.703	43	210882	91.724	ug/l	96
26) 2,2-Dichloropropane	4.668	77	65724	18.458	ug/l	99
27) cis-1,2-Dichloroethene	4.671	96	48899	19.492	ug/l	97
28) Bromochloromethane	4.980	49	30145	17.269	ug/l	94
29) Tetrahydrofuran	5.054	42	131950	96.412	ug/l	95
30) Chloroform	5.092	83	80578	18.983	ug/l	99
31) Cyclohexane	5.391	56	78060	18.850	ug/l	92
32) 1,1,1-Trichloroethane	5.321	97	67221	19.193	ug/l	100
36) 1,1-Dichloropropene	5.533	75	59063	19.004	ug/l	100
37) Ethyl Acetate	4.806	43	78163	19.008	ug/l	98
38) Carbon Tetrachloride	5.526	117	52839	19.648	ug/l	97
39) Methylcyclohexane	6.767	83	73635	19.300	ug/l	96
40) Benzene	5.777	78	176784	19.098	ug/l	99

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41) Methacrylonitrile	4.977	41	41096	19.413	ug/l	96
42) 1,2-Dichloroethane	5.800	62	70407	19.352	ug/l	100
43) Isopropyl Acetate	5.915	43	118770	19.198	ug/l	99
44) Trichloroethene	6.546	130	41986	19.238	ug/l	97
45) 1,2-Dichloropropane	6.796	63	46713	19.035	ug/l	98
46) Dibromomethane	6.922	93	32230	19.495	ug/l	99
47) Bromodichloromethane	7.108	83	61983	19.310	ug/l	98
48) Methyl methacrylate	6.964	41	56062	18.617	ug/l	95
49) 1,4-Dioxane	6.967	88	25256	301.284	ug/l	93
51) 4-Methyl-2-Pentanone	7.793	43	402090	89.277	ug/l	98
52) Toluene	7.973	92	110989	19.158	ug/l	100
53) t-1,3-Dichloropropene	8.214	75	70296	19.150	ug/l	99
54) cis-1,3-Dichloropropene	7.610	75	73742	19.286	ug/l	98
55) 1,1,2-Trichloroethane	8.404	97	45399	18.808	ug/l	100
56) Ethyl methacrylate	8.337	69	75817	17.408	ug/l	99
57) 1,3-Dichloropropane	8.578	76	80739	18.742	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.465	63	95841	80.250	ug/l	97
59) 2-Hexanone	8.687	43	319830	87.204	ug/l	98
60) Dibromochloromethane	8.812	129	42971	18.235	ug/l	97
61) 1,2-Dibromoethane	8.928	107	48627	18.951	ug/l	99
64) Tetrachloroethene	8.555	164	37000	19.963	ug/l	96
65) Chlorobenzene	9.449	112	112705	18.930	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.539	131	37967	18.266	ug/l	98
67) Ethyl Benzene	9.574	91	211961	19.347	ug/l	100
68) m/p-Xylenes	9.697	106	162514	38.182	ug/l	98
69) o-Xylene	10.105	106	78606	18.608	ug/l	95
70) Styrene	10.118	104	129652	18.295	ug/l	97
71) Bromoform	10.295	173	31018	16.336	ug/l #	100
73) Isopropylbenzene	10.488	105	207482	20.011	ug/l	100
74) N-amyl acetate	10.324	43	97786	18.731	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.787	83	81507	18.169	ug/l	99
76) 1,2,3-Trichloropropane	10.828	75	73983m	18.218	ug/l	
77) Bromobenzene	10.783	156	48181	19.244	ug/l	97
78) n-propylbenzene	10.909	91	252636	19.995	ug/l	99
79) 2-Chlorotoluene	10.989	91	152414	19.244	ug/l	100
80) 1,3,5-Trimethylbenzene	11.092	105	177181	19.507	ug/l	100
81) trans-1,4-Dichloro-2-b...	10.549	75	25555	17.463	ug/l	99
82) 4-Chlorotoluene	11.098	91	171270	19.132	ug/l	100
83) tert-Butylbenzene	11.423	119	169714	19.210	ug/l	99
84) 1,2,4-Trimethylbenzene	11.471	105	176480	19.639	ug/l	100
85) sec-Butylbenzene	11.648	105	225178	19.792	ug/l	100
86) p-Isopropyltoluene	11.796	119	181528	19.835	ug/l	98
87) 1,3-Dichlorobenzene	11.748	146	89749	18.719	ug/l	100
88) 1,4-Dichlorobenzene	11.838	146	92541	18.868	ug/l	98
89) n-Butylbenzene	12.211	91	164834	19.555	ug/l	99
90) Hexachloroethane	12.481	117	30163	18.251	ug/l	97
91) 1,2-Dichlorobenzene	12.214	146	90499	18.465	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	13.002	75	20571	19.434	ug/l	98
93) 1,2,4-Trichlorobenzene	13.844	180	54366	19.904	ug/l	99
94) Hexachlorobutadiene	14.024	225	22303	19.561	ug/l	99
95) Naphthalene	14.089	128	206784	20.129	ug/l	100
96) 1,2,3-Trichlorobenzene	14.333	180	55150	20.105	ug/l	100

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

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