

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110921\
 Data File : VU045678.D
 Acq On : 09 Nov 2021 23:37
 Operator : SY/MD
 Sample : VU1109WBS02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1109WBS02

Quant Time: Nov 10 02:04:52 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

Manual Integrations APPROVED

Reviewed By : John Carlone 11/10/2021
 Supervised By : Mahesh Dadoda 11/16/2021

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

Internal Standards						
1) Pentafluorobenzene	5.378	168	118772	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	221590	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	210840	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	105955	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	102144	57.425	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 114.840%			
35) Dibromofluoromethane	5.292	113	78665	53.172	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.340%			
50) Toluene-d8	7.902	98	297001	53.988	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 107.980%			
62) 4-Bromofluorobenzene	10.636	95	112798	51.133	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 102.260%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	31985	20.770	ug/l	98
3) Chloromethane	1.523	50	35153	19.951	ug/l	100
4) Vinyl Chloride	1.604	62	36361	21.185	ug/l	100
5) Bromomethane	1.851	94	22971	23.995	ug/l	98
6) Chloroethane	1.932	64	22736	20.298	ug/l	97
7) Trichlorofluoromethane	2.137	101	47927	21.116	ug/l	99
8) Diethyl Ether	2.379	74	18913	21.051	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.581	101	26776	20.204	ug/l	95
10) Methyl Iodide	2.723	142	26672	15.379	ug/l	94
11) Tert butyl alcohol	3.179	59	43812	124.441	ug/l	98
12) 1,1-Dichloroethene	2.578	96	26615	20.368	ug/l	95
13) Acrolein	2.485	56	6640	130.146	ug/l	97
14) Allyl chloride	2.925	41	48065	20.600	ug/l	97
15) Acrylonitrile	3.314	53	107021	113.853	ug/l	98
16) Acetone	2.626	43	87073	96.163	ug/l	99
17) Carbon Disulfide	2.793	76	69031	18.861	ug/l	98
18) Methyl Acetate	2.948	43	69751	22.617	ug/l	100
19) Methyl tert-butyl Ether	3.366	73	100111	21.284	ug/l	99
20) Methylene Chloride	3.047	84	33598	21.355	ug/l	98
21) trans-1,2-Dichloroethene	3.356	96	29069	21.383	ug/l	96
22) Diisopropyl ether	3.996	45	100951	22.035	ug/l	96
23) Vinyl Acetate	3.957	43	381343	108.228	ug/l	100
24) 1,1-Dichloroethane	3.874	63	59531	21.806	ug/l	99
25) 2-Butanone	4.703	43	139977	111.460	ug/l	100
26) 2,2-Dichloropropane	4.668	77	39632	17.519	ug/l	99
27) cis-1,2-Dichloroethene	4.671	96	35350	22.140	ug/l	98
28) Bromochloromethane	4.973	49	27878	21.420	ug/l	99
29) Tetrahydrofuran	5.051	42	89094	115.980	ug/l	99
30) Chloroform	5.092	83	59435	22.013	ug/l	99
31) Cyclohexane	5.391	56	53598	20.651	ug/l	96
32) 1,1,1-Trichloroethane	5.317	97	49974	21.705	ug/l	98
36) 1,1-Dichloropropene	5.530	75	42667	19.747	ug/l	99
37) Ethyl Acetate	4.806	43	53690	21.632	ug/l	98
38) Carbon Tetrachloride	5.526	117	42830	19.662	ug/l	97
39) Methylcyclohexane	6.768	83	48297	18.220	ug/l	96
40) Benzene	5.777	78	126029	19.701	ug/l	99

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41) Methacrylonitrile	4.973	41	28180	21.485	ug/l	99
42) 1,2-Dichloroethane	5.796	62	47121	20.393	ug/l	100
43) Isopropyl Acetate	5.912	43	76709	20.206	ug/l	99
44) Trichloroethene	6.546	130	34693	22.657	ug/l	98
45) 1,2-Dichloropropane	6.793	63	35167	20.776	ug/l	97
46) Dibromomethane	6.922	93	23850	20.336	ug/l	100
47) Bromodichloromethane	7.108	83	45983	20.664	ug/l	94
48) Methyl methacrylate	6.960	41	36010	20.609	ug/l	99
49) 1,4-Dioxane	6.964	88	20902	465.159	ug/l #	99
51) 4-Methyl-2-Pentanone	7.793	43	268322	107.146	ug/l	99
52) Toluene	7.970	92	79664	20.341	ug/l	98
53) t-1,3-Dichloropropene	8.211	75	47288	18.490	ug/l	98
54) cis-1,3-Dichloropropene	7.610	75	52426	19.299	ug/l	97
55) 1,1,2-Trichloroethane	8.404	97	33982	20.936	ug/l	98
56) Ethyl methacrylate	8.337	69	50706	18.996	ug/l	99
57) 1,3-Dichloropropane	8.578	76	60226	20.601	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.465	63	122892	82.240	ug/l	100
59) 2-Hexanone	8.684	43	206867	99.609	ug/l	97
60) Dibromochloromethane	8.812	129	33752	19.970	ug/l	98
61) 1,2-Dibromoethane	8.925	107	34595	19.872	ug/l	100
64) Tetrachloroethene	8.555	164	26443	21.851	ug/l	98
65) Chlorobenzene	9.449	112	83116	20.069	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.536	131	29820	20.189	ug/l	98
67) Ethyl Benzene	9.571	91	148991	20.089	ug/l	99
68) m/p-Xylenes	9.697	106	115557	41.314	ug/l	99
69) o-Xylene	10.102	106	56428	20.751	ug/l	99
70) Styrene	10.118	104	94125	20.460	ug/l	99
71) Bromoform	10.295	173	24388	19.455	ug/l #	99
73) Isopropylbenzene	10.488	105	147155	21.256	ug/l	99
74) N-amyl acetate	10.320	43	61653	19.741	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.787	83	58202	21.219	ug/l	99
76) 1,2,3-Trichloropropane	10.825	75	51842m	16.134	ug/l	
77) Bromobenzene	10.783	156	35139	20.905	ug/l	97
78) n-propylbenzene	10.909	91	178316	20.695	ug/l	99
79) 2-Chlorotoluene	10.989	91	107481	21.114	ug/l	99
80) 1,3,5-Trimethylbenzene	11.092	105	125743	20.788	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.549	75	14950	17.322	ug/l	97
82) 4-Chlorotoluene	11.099	91	125347	20.996	ug/l	99
83) tert-Butylbenzene	11.423	119	120837	20.957	ug/l	99
84) 1,2,4-Trimethylbenzene	11.468	105	127255	21.168	ug/l	100
85) sec-Butylbenzene	11.645	105	158538	20.732	ug/l	99
86) p-Isopropyltoluene	11.796	119	129553	20.274	ug/l	100
87) 1,3-Dichlorobenzene	11.748	146	67548	19.917	ug/l	100
88) 1,4-Dichlorobenzene	11.838	146	68820	20.064	ug/l	98
89) n-Butylbenzene	12.211	91	118188	19.200	ug/l	99
90) Hexachloroethane	12.478	117	21232	18.418	ug/l	96
91) 1,2-Dichlorobenzene	12.214	146	67544	20.471	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.999	75	13179	20.363	ug/l	98
93) 1,2,4-Trichlorobenzene	13.841	180	42246	18.517	ug/l	98
94) Hexachlorobutadiene	14.024	225	18020	18.298	ug/l	96
95) Naphthalene	14.089	128	158274	19.103	ug/l	100
96) 1,2,3-Trichlorobenzene	14.333	180	45054	19.882	ug/l	100

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

