

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112221\
 Data File : VU045934.D
 Acq On : 22 Nov 2021 23:53
 Operator : SY/MD
 Sample : VU1122WBSD02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1122WBSD02

Quant Time: Nov 23 05:22:15 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 11/23/2021
 Supervised By : Mahesh Dadoda 11/23/2021

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

Internal Standards						
1) Pentafluorobenzene	5.375	168	99122	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	172470	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	170919	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	90029	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	82323	55.456	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 110.920%			
35) Dibromofluoromethane	5.292	113	64653	56.147	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 112.300%			
50) Toluene-d8	7.899	98	246227	57.505	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 115.020%#			
62) 4-Bromofluorobenzene	10.632	95	92895	54.104	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 108.200%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.388	85	25531	19.866	ug/l	100
3) Chloromethane	1.523	50	25272	17.186	ug/l	98
4) Vinyl Chloride	1.607	62	26210	18.298	ug/l	97
5) Bromomethane	1.864	94	17160	21.478	ug/l	98
6) Chloroethane	1.941	64	15890	16.998	ug/l	99
7) Trichlorofluoromethane	2.144	101	36807	19.432	ug/l	98
8) Diethyl Ether	2.379	74	14392	19.195	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.588	101	21177	19.147	ug/l	97
10) Methyl Iodide	2.729	142	19857	13.719	ug/l	90
11) Tert butyl alcohol	3.285	59	29911m	101.799	ug/l	
12) 1,1-Dichloroethene	2.584	96	20927	19.190	ug/l	96
13) Acrolein	2.501	56	5135	120.600	ug/l	99
14) Allyl chloride	2.928	41	34152	17.539	ug/l	94
15) Acrylonitrile	3.327	53	84768	108.057	ug/l	98
16) Acetone	2.658	43	70902	93.827	ug/l	94
17) Carbon Disulfide	2.800	76	57989	18.985	ug/l	99
18) Methyl Acetate	2.961	43	49302	19.155	ug/l	98
19) Methyl tert-butyl Ether	3.366	73	73240	18.658	ug/l	97
20) Methylene Chloride	3.051	84	25219	19.207	ug/l	98
21) trans-1,2-Dichloroethene	3.359	96	22452	19.790	ug/l	99
22) Diisopropyl ether	3.996	45	68310	17.867	ug/l	88
23) Vinyl Acetate	3.961	43	276332	93.972	ug/l	98
24) 1,1-Dichloroethane	3.877	63	43078	18.907	ug/l	98
25) 2-Butanone	4.719	43	105525	100.684	ug/l	98
26) 2,2-Dichloropropane	4.668	77	32751	17.347	ug/l	100
27) cis-1,2-Dichloroethene	4.671	96	26371	19.790	ug/l	95
28) Bromochloromethane	4.977	49	27836	25.627	ug/l	90
29) Tetrahydrofuran	5.063	42	67282	104.949	ug/l	96
30) Chloroform	5.092	83	43648	19.371	ug/l	99
31) Cyclohexane	5.391	56	37723	17.416	ug/l	93
32) 1,1,1-Trichloroethane	5.321	97	37442	19.485	ug/l	97
36) 1,1-Dichloropropene	5.530	75	32698	19.443	ug/l	99
37) Ethyl Acetate	4.809	43	40294	20.858	ug/l	99
38) Carbon Tetrachloride	5.530	117	32088	18.926	ug/l	100
39) Methylcyclohexane	6.764	83	36699	17.788	ug/l	93
40) Benzene	5.777	78	95068	19.094	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.977	41	21033	20.603	ug/l	96
42) 1,2-Dichloroethane	5.797	62	34873	19.391	ug/l	100
43) Isopropyl Acetate	5.912	43	54690	18.509	ug/l	97
44) Trichloroethene	6.542	130	24968	20.950	ug/l	97
45) 1,2-Dichloropropane	6.793	63	24430	18.544	ug/l	99
46) Dibromomethane	6.919	93	17954	19.668	ug/l	97
47) Bromodichloromethane	7.108	83	33279	19.214	ug/l	93
48) Methyl methacrylate	6.960	41	23893	17.569	ug/l	90
49) 1,4-Dioxane	7.047	88	13528m	386.797	ug/l	
51) 4-Methyl-2-Pentanone	7.793	43	192322	98.670	ug/l	98
52) Toluene	7.970	92	61571	20.199	ug/l	99
53) t-1,3-Dichloropropene	8.211	75	36696	18.435	ug/l	98
54) cis-1,3-Dichloropropene	7.610	75	39578	18.719	ug/l	92
55) 1,1,2-Trichloroethane	8.401	97	25071	19.845	ug/l	99
56) Ethyl methacrylate	8.333	69	36014	17.547	ug/l	94
57) 1,3-Dichloropropane	8.578	76	43789	19.244	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.465	63	141357	121.538	ug/l	98
59) 2-Hexanone	8.687	43	148291	92.335	ug/l	100
60) Dibromochloromethane	8.812	129	25814	19.623	ug/l	100
61) 1,2-Dibromoethane	8.925	107	27213	20.084	ug/l	99
64) Tetrachloroethene	8.555	164	24484	24.958	ug/l	97
65) Chlorobenzene	9.449	112	64411	19.185	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.536	131	22450	18.749	ug/l	99
67) Ethyl Benzene	9.571	91	115284	19.175	ug/l	100
68) m/p-Xylenes	9.697	106	89821	39.613	ug/l	99
69) o-Xylene	10.102	106	43435	19.704	ug/l	97
70) Styrene	10.115	104	72095	19.332	ug/l	98
71) Bromoform	10.291	173	19723	19.415	ug/l #	96
73) Isopropylbenzene	10.484	105	114794	19.515	ug/l	100
74) N-amyl acetate	10.320	43	39337	14.824	ug/l	95
75) 1,1,2,2-Tetrachloroethane	10.783	83	42422	18.202	ug/l	99
76) 1,2,3-Trichloropropane	10.825	75	49712	18.208	ug/l	93
77) Bromobenzene	10.783	156	28581	20.012	ug/l	92
78) n-propylbenzene	10.906	91	139861	19.103	ug/l	100
79) 2-Chlorotoluene	10.986	91	83026	19.195	ug/l	98
80) 1,3,5-Trimethylbenzene	11.089	105	95938	18.667	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.546	75	11208	15.636	ug/l	96
82) 4-Chlorotoluene	11.099	91	98749	19.467	ug/l	99
83) tert-Butylbenzene	11.420	119	90370	18.446	ug/l	99
84) 1,2,4-Trimethylbenzene	11.468	105	96865	18.963	ug/l	99
85) sec-Butylbenzene	11.645	105	121870	18.756	ug/l	100
86) p-Isopropyltoluene	11.793	119	100921	18.587	ug/l	99
87) 1,3-Dichlorobenzene	11.748	146	54975	19.078	ug/l	98
88) 1,4-Dichlorobenzene	11.838	146	55810	19.149	ug/l	98
89) n-Butylbenzene	12.208	91	91693	17.531	ug/l	98
90) Hexachloroethane	12.478	117	14376	14.677	ug/l	92
91) 1,2-Dichlorobenzene	12.214	146	53929	19.236	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.996	75	9543	17.353	ug/l	91
93) 1,2,4-Trichlorobenzene	13.841	180	36066	18.605	ug/l	99
94) Hexachlorobutadiene	14.021	225	15852	18.944	ug/l	96
95) Naphthalene	14.086	128	126474	18.026	ug/l	99
96) 1,2,3-Trichlorobenzene	14.330	180	36898	19.163	ug/l	99

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

