

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110521\
 Data File : VU045570.D
 Acq On : 05 Nov 2021 19:38
 Operator : SY/MD
 Sample : VU1105WBS01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1105WBS01

Quant Time: Nov 06 21:24:49 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 11/08/2021
 Supervised By : Mahesh Dadoda 11/16/2021

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

Internal Standards						
1) Pentafluorobenzene	5.375	168	130607	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	239306	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	229631	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	115517	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	106468	54.432	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 108.860%			
35) Dibromofluoromethane	5.292	113	79067	49.487	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.980%			
50) Toluene-d8	7.899	98	304997	51.337	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 102.680%			
62) 4-Bromofluorobenzene	10.635	95	116290	48.813	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 97.620%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	35703	21.084	ug/l	98
3) Chloromethane	1.523	50	39710	20.495	ug/l	100
4) Vinyl Chloride	1.604	62	39838	21.107	ug/l	99
5) Bromomethane	1.851	94	24685	23.449	ug/l	99
6) Chloroethane	1.932	64	24702	20.055	ug/l	97
7) Trichlorofluoromethane	2.141	101	51407	20.597	ug/l	99
8) Diethyl Ether	2.379	74	20522	20.772	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.581	101	29240	20.064	ug/l	97
10) Methyl Iodide	2.723	142	36899	19.348	ug/l	93
11) Tert butyl alcohol	3.176	59	41822	108.024	ug/l	99
12) 1,1-Dichloroethene	2.581	96	28114	19.566	ug/l	98
13) Acrolein	2.485	56	8288	147.727	ug/l	99
14) Allyl chloride	2.925	41	52463	20.448	ug/l	99
15) Acrylonitrile	3.314	53	107600	104.096	ug/l	99
16) Acetone	2.626	43	91223	91.617	ug/l	97
17) Carbon Disulfide	2.797	76	77027	19.138	ug/l	99
18) Methyl Acetate	2.948	43	71218	21.000	ug/l	99
19) Methyl tert-butyl Ether	3.366	73	108902	21.055	ug/l	100
20) Methylene Chloride	3.047	84	34745	20.083	ug/l	95
21) trans-1,2-Dichloroethene	3.356	96	31057	20.776	ug/l	100
22) Diisopropyl ether	3.996	45	109349	21.706	ug/l	95
23) Vinyl Acetate	3.957	43	409492	105.685	ug/l	100
24) 1,1-Dichloroethane	3.874	63	62574	20.844	ug/l	98
25) 2-Butanone	4.700	43	141635	102.560	ug/l	100
26) 2,2-Dichloropropane	4.671	77	49344	19.836	ug/l	97
27) cis-1,2-Dichloroethene	4.668	96	36551	20.818	ug/l	99
28) Bromochloromethane	4.976	49	30794	21.516	ug/l	96
29) Tetrahydrofuran	5.050	42	90854	107.554	ug/l	98
30) Chloroform	5.092	83	63482	21.381	ug/l	100
31) Cyclohexane	5.391	56	59113	20.712	ug/l	98
32) 1,1,1-Trichloroethane	5.321	97	54479	21.517	ug/l	96
36) 1,1-Dichloropropene	5.530	75	46177	19.789	ug/l	99
37) Ethyl Acetate	4.803	43	54379	20.287	ug/l	98
38) Carbon Tetrachloride	5.530	117	45172	19.202	ug/l	98
39) Methylcyclohexane	6.767	83	54541	19.053	ug/l	97
40) Benzene	5.777	78	136375	19.740	ug/l	100

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41) Methacrylonitrile	4.973	41	29689	20.959	ug/l	99
42) 1,2-Dichloroethane	5.796	62	51059	20.461	ug/l	99
43) Isopropyl Acetate	5.912	43	82163	20.041	ug/l	100
44) Trichloroethene	6.546	130	32566	19.693	ug/l	98
45) 1,2-Dichloropropane	6.793	63	37902	20.735	ug/l	95
46) Dibromomethane	6.922	93	24826	19.601	ug/l	99
47) Bromodichloromethane	7.108	83	48296	20.096	ug/l	98
48) Methyl methacrylate	6.960	41	37187	19.707	ug/l	98
49) 1,4-Dioxane	6.964	88	20518	422.810	ug/l #	97
51) 4-Methyl-2-Pentanone	7.793	43	269975	99.825	ug/l	99
52) Toluene	7.973	92	84193	19.906	ug/l	98
53) t-1,3-Dichloropropene	8.211	75	53091	19.222	ug/l	97
54) cis-1,3-Dichloropropene	7.610	75	56490	19.256	ug/l	96
55) 1,1,2-Trichloroethane	8.404	97	35607	20.313	ug/l	99
56) Ethyl methacrylate	8.333	69	53469	18.606	ug/l	99
57) 1,3-Dichloropropane	8.578	76	63022	19.961	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.465	63	147745	91.552	ug/l	99
59) 2-Hexanone	8.684	43	210005	94.086	ug/l	97
60) Dibromochloromethane	8.812	129	34764	19.046	ug/l	100
61) 1,2-Dibromoethane	8.925	107	37005	19.683	ug/l	99
64) Tetrachloroethene	8.555	164	27481	20.851	ug/l	97
65) Chlorobenzene	9.449	112	88363	19.590	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.536	131	31260	19.432	ug/l	98
67) Ethyl Benzene	9.571	91	160782	19.905	ug/l	98
68) m/p-Xylenes	9.697	106	124909	41.003	ug/l	100
69) o-Xylene	10.102	106	59764	20.179	ug/l	97
70) Styrene	10.118	104	100145	19.987	ug/l	99
71) Bromoform	10.295	173	24360	18.098	ug/l #	96
73) Isopropylbenzene	10.488	105	158709	21.027	ug/l	100
74) N-amyl acetate	10.320	43	68464	20.107	ug/l	100
75) 1,1,2,2-Tetrachloroethane	10.783	83	60690	20.295	ug/l	99
76) 1,2,3-Trichloropropane	10.825	75	58341m	16.654	ug/l	
77) Bromobenzene	10.783	156	37304	20.356	ug/l	97
78) n-propylbenzene	10.909	91	192629	20.506	ug/l	100
79) 2-Chlorotoluene	10.989	91	115715	20.849	ug/l	99
80) 1,3,5-Trimethylbenzene	11.089	105	138035	20.932	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.549	75	17366	18.260	ug/l	93
82) 4-Chlorotoluene	11.098	91	134558	20.673	ug/l	100
83) tert-Butylbenzene	11.423	119	128800	20.489	ug/l	99
84) 1,2,4-Trimethylbenzene	11.468	105	136300	20.796	ug/l	99
85) sec-Butylbenzene	11.645	105	171090	20.521	ug/l	100
86) p-Isopropyltoluene	11.796	119	140965	20.234	ug/l	100
87) 1,3-Dichlorobenzene	11.748	146	72463	19.598	ug/l	100
88) 1,4-Dichlorobenzene	11.838	146	73447	19.640	ug/l	98
89) n-Butylbenzene	12.211	91	131140	19.541	ug/l	99
90) Hexachloroethane	12.478	117	24087	19.165	ug/l	99
91) 1,2-Dichlorobenzene	12.214	146	70868	19.700	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.999	75	13582	19.248	ug/l	98
93) 1,2,4-Trichlorobenzene	13.841	180	45388	18.248	ug/l	96
94) Hexachlorobutadiene	14.024	225	18584	17.309	ug/l	98
95) Naphthalene	14.089	128	169631	18.796	ug/l	99
96) 1,2,3-Trichlorobenzene	14.330	180	47758	19.331	ug/l	99

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

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