

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110921\
 Data File : VU045652.D
 Acq On : 09 Nov 2021 12:51
 Operator : SY/MD
 Sample : VU1109WBSD01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1109WBSD01

Manual Integrations
 APPROVED

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

Quant Time: Nov 10 01:58:24 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

11/10/2021
 Supervised By : Mahesh
 Dadoda

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

Internal Standards						
1) Pentafluorobenzene	5.378	168	131083	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	230560	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	226162	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.816	152	111865	50.000	ug/l	0.00

11/16/2021

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.706	65	106010	54.001	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 108.000%	
35) Dibromofluoromethane	5.295	113	82514	53.604	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 107.200%	
50) Toluene-d8	7.902	98	307027	53.639	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 107.280%	
62) 4-Bromofluorobenzene	10.636	95	119349	51.997	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 104.000%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.385	85	34672	20.401	ug/l	99
3) Chloromethane	1.523	50	37534	19.302	ug/l	99
4) Vinyl Chloride	1.604	62	39163	20.674	ug/l	100
5) Bromomethane	1.851	94	25278	23.925	ug/l	99
6) Chloroethane	1.932	64	24108	19.501	ug/l	98
7) Trichlorofluoromethane	2.137	101	52432	20.932	ug/l	99
8) Diethyl Ether	2.375	74	21403	21.585	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.584	101	31110	21.269	ug/l	98
10) Methyl Iodide	2.726	142	32709	17.088	ug/l	91
11) Tert butyl alcohol	3.176	59	43320	111.487	ug/l	99
12) 1,1-Dichloroethene	2.581	96	29325	20.334	ug/l	96
13) Acrolein	2.485	56	6178	109.718	ug/l	97
14) Allyl chloride	2.925	41	53415	20.743	ug/l	99
15) Acrylonitrile	3.314	53	111496	107.474	ug/l	99
16) Acetone	2.626	43	100785	100.853	ug/l	100
17) Carbon Disulfide	2.793	76	76172	18.857	ug/l	99
18) Methyl Acetate	2.948	43	71531	21.016	ug/l	100
19) Methyl tert-butyl Ether	3.366	73	113705	21.904	ug/l	99
20) Methylene Chloride	3.047	84	37245	21.449	ug/l	100
21) trans-1,2-Dichloroethene	3.356	96	31438	20.954	ug/l	99
22) Diisopropyl ether	3.996	45	111340	22.021	ug/l	96
23) Vinyl Acetate	3.957	43	429063	110.334	ug/l	99
24) 1,1-Dichloroethane	3.874	63	64227	21.317	ug/l	99
25) 2-Butanone	4.703	43	146895	105.983	ug/l	99
26) 2,2-Dichloropropane	4.668	77	51958	20.810	ug/l	97
27) cis-1,2-Dichloroethene	4.671	96	39533	22.434	ug/l	96
28) Bromochloromethane	4.977	49	26260	18.281	ug/l	94
29) Tetrahydrofuran	5.051	42	91902	108.400	ug/l	99
30) Chloroform	5.092	83	64189	21.541	ug/l	99
31) Cyclohexane	5.391	56	58349	20.370	ug/l	97
32) 1,1,1-Trichloroethane	5.321	97	54016	21.257	ug/l	97
36) 1,1-Dichloropropene	5.530	75	46947	20.883	ug/l	99
37) Ethyl Acetate	4.806	43	55116	21.342	ug/l	99
38) Carbon Tetrachloride	5.530	117	47183	20.818	ug/l	97
39) Methylcyclohexane	6.767	83	55490	20.120	ug/l	97
40) Benzene	5.777	78	136219	20.466	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.973	41	30540	22.378	ug/l	98
42) 1,2-Dichloroethane	5.796	62	52032	21.642	ug/l	99
43) Isopropyl Acetate	5.912	43	84098	21.291	ug/l	100
44) Trichloroethene	6.546	130	34504	21.657	ug/l	100
45) 1,2-Dichloropropane	6.793	63	38409	21.809	ug/l	98
46) Dibromomethane	6.922	93	25847	21.181	ug/l	98
47) Bromodichloromethane	7.108	83	49439	21.352	ug/l	94
48) Methyl methacrylate	6.964	41	39242	21.585	ug/l	99
49) 1,4-Dioxane	6.964	88	21502	459.895	ug/l #	96
51) 4-Methyl-2-Pentanone	7.793	43	281427	108.007	ug/l	99
52) Toluene	7.973	92	88783	21.788	ug/l	97
53) t-1,3-Dichloropropene	8.214	75	55399	20.819	ug/l	99
54) cis-1,3-Dichloropropene	7.610	75	60408	21.373	ug/l	96
55) 1,1,2-Trichloroethane	8.404	97	37185	22.018	ug/l	96
56) Ethyl methacrylate	8.337	69	56845	20.280	ug/l	99
57) 1,3-Dichloropropane	8.578	76	65919	21.671	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.465	63	129370	83.207	ug/l	99
59) 2-Hexanone	8.684	43	215246	99.611	ug/l	98
60) Dibromochloromethane	8.812	129	38222	21.735	ug/l	100
61) 1,2-Dibromoethane	8.928	107	38745	21.391	ug/l	100
64) Tetrachloroethene	8.558	164	27786	21.406	ug/l	95
65) Chlorobenzene	9.449	112	92005	20.711	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.539	131	32737	20.662	ug/l	98
67) Ethyl Benzene	9.574	91	165496	20.803	ug/l	99
68) m/p-Xylenes	9.697	106	128105	42.697	ug/l	99
69) o-Xylene	10.102	106	62558	21.447	ug/l	99
70) Styrene	10.118	104	105317	21.342	ug/l	98
71) Bromoform	10.295	173	26849	19.886	ug/l #	99
73) Isopropylbenzene	10.488	105	165606	22.657	ug/l	99
74) N-amyl acetate	10.320	43	69324	21.024	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.787	83	62192	21.476	ug/l	99
76) 1,2,3-Trichloropropane	10.828	75	55513m	16.364	ug/l	
77) Bromobenzene	10.787	156	39527	22.274	ug/l	95
78) n-propylbenzene	10.909	91	196233	21.571	ug/l	100
79) 2-Chlorotoluene	10.989	91	117750	21.909	ug/l	98
80) 1,3,5-Trimethylbenzene	11.092	105	141173	22.106	ug/l	100
81) trans-1,4-Dichloro-2-b...	10.549	75	18449	19.742	ug/l	98
82) 4-Chlorotoluene	11.099	91	136250	21.616	ug/l	99
83) tert-Butylbenzene	11.423	119	136548	22.431	ug/l	98
84) 1,2,4-Trimethylbenzene	11.471	105	140652	22.161	ug/l	99
85) sec-Butylbenzene	11.648	105	179250	22.202	ug/l	100
86) p-Isopropyltoluene	11.796	119	145005	21.493	ug/l	100
87) 1,3-Dichlorobenzene	11.748	146	73719	20.589	ug/l	99
88) 1,4-Dichlorobenzene	11.838	146	75395	20.820	ug/l	98
89) n-Butylbenzene	12.211	91	132414	20.375	ug/l	99
90) Hexachloroethane	12.481	117	25080	20.607	ug/l	97
91) 1,2-Dichlorobenzene	12.217	146	74238	21.311	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.999	75	14042	20.550	ug/l	98
93) 1,2,4-Trichlorobenzene	13.844	180	47865	19.872	ug/l	99
94) Hexachlorobutadiene	14.024	225	20135	19.366	ug/l	98
95) Naphthalene	14.089	128	178502	20.336	ug/l	99
96) 1,2,3-Trichlorobenzene	14.333	180	50678	21.183	ug/l	99

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

