

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102521\
 Data File : VU045376.D
 Acq On : 25 Oct 2021 11:41
 Operator : SY/MD
 Sample : VU1025WBS01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1025WBS01

Manual Integrations
 APPROVED

MMDadoda
 10/27/2021 9:19:47 AM

Quant Time: Oct 26 04:39:51 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	5.375	168	200400	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	364043	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	340034	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	155257	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.706	65	172873	51.822	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 103.640%			
35) Dibromofluoromethane	5.295	113	125199	54.517	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 109.040%			
50) Toluene-d8	7.902	98	484467	53.391	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 106.780%			
62) 4-Bromofluorobenzene	10.642	95	182121	48.615	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 97.240%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.382	85	55795	22.484	ug/l	100
3) Chloromethane	1.520	50	63320	19.699	ug/l	99
4) Vinyl Chloride	1.604	62	64831	20.199	ug/l	100
5) Bromomethane	1.851	94	29329	23.296	ug/l	100
6) Chloroethane	1.922	64	20174	8.182	ug/l	99
7) Trichlorofluoromethane	2.112	101	80422	18.974	ug/l	100
8) Diethyl Ether	2.375	74	37373	19.240	ug/l	90
9) 1,1,2-Trichlorotrifluo...	2.565	101	48434	20.093	ug/l	98
10) Methyl Iodide	2.713	142	60550	23.535	ug/l	95
11) Tert butyl alcohol	3.407	59	87369m	91.254	ug/l	
12) 1,1-Dichloroethene	2.568	96	46814	19.703	ug/l	94
13) Acrolein	2.491	56	16366	89.699	ug/l	98
14) Allyl chloride	2.915	41	85944	19.546	ug/l	98
15) Acrylonitrile	3.327	53	185825	96.238	ug/l	99
16) Acetone	2.645	43	207585	104.834	ug/l	100
17) Carbon Disulfide	2.780	76	128247	18.285	ug/l	100
18) Methyl Acetate	2.954	43	121261	20.953	ug/l	97
19) Methyl tert-butyl Ether	3.372	73	183826	20.042	ug/l	99
20) Methylene Chloride	3.041	84	57455	19.264	ug/l	93
21) trans-1,2-Dichloroethene	3.346	96	49900	19.199	ug/l	94
22) Diisopropyl ether	3.999	45	174778	19.469	ug/l	96
23) Vinyl Acetate	3.960	43	690182	94.530	ug/l	98
24) 1,1-Dichloroethane	3.867	63	101392	19.674	ug/l	99
25) 2-Butanone	4.719	43	244145	86.782	ug/l	99
26) 2,2-Dichloropropane	4.665	77	86190	19.782	ug/l	99
27) cis-1,2-Dichloroethene	4.668	96	58744	19.136	ug/l	99
28) Bromochloromethane	4.976	49	36332	17.010	ug/l	92
29) Tetrahydrofuran	5.063	42	160132	95.619	ug/l	94
30) Chloroform	5.092	83	100017	19.256	ug/l	99
31) Cyclohexane	5.385	56	98721	19.482	ug/l	93
32) 1,1,1-Trichloroethane	5.317	97	83217	19.417	ug/l	98
36) 1,1-Dichloropropene	5.526	75	74872	19.667	ug/l	100
37) Ethyl Acetate	4.812	43	120786	23.979	ug/l	95
38) Carbon Tetrachloride	5.523	117	67027	20.346	ug/l	99
39) Methylcyclohexane	6.764	83	94171	20.150	ug/l	96
40) Benzene	5.774	78	222188	19.596	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.983	41	45459	17.530	ug/l	90
42) 1,2-Dichloroethane	5.796	62	83613	18.762	ug/l	99
43) Isopropyl Acetate	5.919	43	143678	18.960	ug/l	98
44) Trichloroethene	6.545	130	50816	19.008	ug/l	97
45) 1,2-Dichloropropane	6.796	63	58413	19.431	ug/l	97
46) Dibromomethane	6.922	93	39465	19.488	ug/l	100
47) Bromodichloromethane	7.111	83	77326	19.666	ug/l	100
48) Methyl methacrylate	6.970	41	68164	18.479	ug/l	97
49) 1,4-Dioxane	7.031	88	34080	336.159	ug/l #	1
51) 4-Methyl-2-Pentanone	7.819	43	483129	87.572	ug/l	98
52) Toluene	7.973	92	138496	19.516	ug/l	99
53) t-1,3-Dichloropropene	8.217	75	87776	19.521	ug/l	97
54) cis-1,3-Dichloropropene	7.613	75	94505	20.178	ug/l	96
55) 1,1,2-Trichloroethane	8.410	97	58554	19.803	ug/l	99
56) Ethyl methacrylate	8.349	69	95803	17.899	ug/l	96
57) 1,3-Dichloropropane	8.584	76	100353	19.017	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.468	63	162426	102.640	ug/l	97
59) 2-Hexanone	8.709	43	380602	84.717	ug/l	96
60) Dibromochloromethane	8.819	129	55077	18.979	ug/l	99
61) 1,2-Dibromoethane	8.931	107	59979	19.083	ug/l	100
64) Tetrachloroethene	8.555	164	41771	18.822	ug/l	98
65) Chlorobenzene	9.455	112	138516	19.430	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.542	131	48629	19.538	ug/l	99
67) Ethyl Benzene	9.574	91	258576	19.711	ug/l	100
68) m/p-Xylenes	9.700	106	200545	39.349	ug/l	100
69) o-Xylene	10.108	106	98621	19.497	ug/l	100
70) Styrene	10.121	104	159223	18.763	ug/l	99
71) Bromoform	10.304	173	39064	17.123	ug/l #	99
73) Isopropylbenzene	10.491	105	256722	22.204	ug/l	100
74) N-amyl acetate	10.330	43	119496	20.526	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.793	83	97289	19.448	ug/l	100
76) 1,2,3-Trichloropropane	10.835	75	89136m	19.683	ug/l	
77) Bromobenzene	10.790	156	57712	20.672	ug/l	99
78) n-propylbenzene	10.912	91	304003	21.576	ug/l	100
79) 2-Chlorotoluene	10.992	91	181953	20.602	ug/l	100
80) 1,3,5-Trimethylbenzene	11.095	105	214108	21.139	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.558	75	32262	19.771	ug/l	98
82) 4-Chlorotoluene	11.102	91	206581	20.694	ug/l	100
83) tert-Butylbenzene	11.426	119	206831	20.994	ug/l	99
84) 1,2,4-Trimethylbenzene	11.475	105	212929	21.249	ug/l	100
85) sec-Butylbenzene	11.648	105	268214	21.141	ug/l	100
86) p-Isopropyltoluene	11.799	119	215476	21.114	ug/l	99
87) 1,3-Dichlorobenzene	11.751	146	106346	19.891	ug/l	99
88) 1,4-Dichlorobenzene	11.841	146	107313	19.621	ug/l	99
89) n-Butylbenzene	12.214	91	193240	20.558	ug/l	99
90) Hexachloroethane	12.481	117	38816	21.063	ug/l	98
91) 1,2-Dichlorobenzene	12.217	146	106760	19.534	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	13.002	75	23763	20.132	ug/l	97
93) 1,2,4-Trichlorobenzene	13.844	180	63835	20.958	ug/l	99
94) Hexachlorobutadiene	14.024	225	26531	20.867	ug/l	98
95) Naphthalene	14.089	128	232188	20.269	ug/l	100
96) 1,2,3-Trichlorobenzene	14.333	180	66131	21.619	ug/l	100

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

