

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100121\
 Data File : VU045064.D
 Acq On : 01 Oct 2021 11:41
 Operator : SY/MD
 Sample : VU1001WBS01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1001WBS01

Manual Integrations
 APPROVED

MMDadoda
 10/5/2021 12:25:31 PM

Quant Time: Oct 02 03:09:47 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	162504	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	295887	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	279567	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.816	152	138985	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.707	65	140166	51.816	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	103.640%
35) Dibromofluoromethane	5.292	113	97217	52.084	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.160%
50) Toluene-d8	7.903	98	380056	51.533	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	103.060%
62) 4-Bromofluorobenzene	10.639	95	149695	49.164	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.320%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	39534	19.646	ug/l	98
3) Chloromethane	1.520	50	49564	19.015	ug/l	99
4) Vinyl Chloride	1.607	62	50420	19.373	ug/l	97
5) Bromomethane	1.845	94	23793	23.306	ug/l	99
6) Chloroethane	1.916	64	16285	8.145	ug/l	98
7) Trichlorofluoromethane	2.122	101	65401	19.028	ug/l	99
8) Diethyl Ether	2.379	74	31557	20.034	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.575	101	39994	20.461	ug/l	98
10) Methyl Iodide	2.720	142	35738	17.130	ug/l	98
11) Tert butyl alcohol	3.314	59	77140m	99.359	ug/l	
12) 1,1-Dichloroethene	2.575	96	39360	20.429	ug/l	93
13) Acrolein	2.491	56	13384	90.435	ug/l	99
14) Allyl chloride	2.922	41	71811	20.140	ug/l	97
15) Acrylonitrile	3.324	53	165975	106.003	ug/l	99
16) Acetone	2.642	43	172830	107.636	ug/l	100
17) Carbon Disulfide	2.787	76	103402	18.181	ug/l	99
18) Methyl Acetate	2.954	43	98348	20.957	ug/l	95
19) Methyl tert-butyl Ether	3.372	73	154484	20.771	ug/l	99
20) Methylene Chloride	3.047	84	47951	19.827	ug/l	97
21) trans-1,2-Dichloroethene	3.353	96	42020	19.937	ug/l	94
22) Diisopropyl ether	3.999	45	150694	20.701	ug/l	97
23) Vinyl Acetate	3.961	43	607517	102.612	ug/l	98
24) 1,1-Dichloroethane	3.871	63	86434	20.683	ug/l	99
25) 2-Butanone	4.716	43	226135	99.125	ug/l	98
26) 2,2-Dichloropropane	4.665	77	71238	20.163	ug/l	100
27) cis-1,2-Dichloroethene	4.671	96	50588	20.322	ug/l	99
28) Bromochloromethane	4.977	49	31983	18.465	ug/l	91
29) Tetrahydrofuran	5.060	42	144148	106.147	ug/l	97
30) Chloroform	5.092	83	86071	20.435	ug/l	99
31) Cyclohexane	5.388	56	80119	19.498	ug/l	96
32) 1,1,1-Trichloroethane	5.317	97	70963	20.419	ug/l	98
36) 1,1-Dichloropropene	5.530	75	60883	19.676	ug/l	99
37) Ethyl Acetate	4.813	43	90987	22.224	ug/l	99
38) Carbon Tetrachloride	5.527	117	53600	20.018	ug/l	99
39) Methylcyclohexane	6.764	83	75433	19.858	ug/l	97
40) Benzene	5.777	78	188333	20.436	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.980	41	42748	20.282	ug/l	96
42) 1,2-Dichloroethane	5.800	62	73517	20.296	ug/l	99
43) Isopropyl Acetate	5.922	43	126657	20.563	ug/l	99
44) Trichloroethene	6.546	130	43078	19.826	ug/l	96
45) 1,2-Dichloropropane	6.797	63	49075	20.085	ug/l	100
46) Dibromomethane	6.922	93	33658	20.449	ug/l	99
47) Bromodichloromethane	7.108	83	65157	20.388	ug/l	99
48) Methyl methacrylate	6.967	41	60270	20.103	ug/l	95
49) 1,4-Dioxane	7.002	88	30769	378.065	ug/l	94
51) 4-Methyl-2-Pentanone	7.809	43	452698	100.957	ug/l	99
52) Toluene	7.973	92	116801	20.250	ug/l	99
53) t-1,3-Dichloropropene	8.214	75	73100	20.002	ug/l	99
54) cis-1,3-Dichloropropene	7.610	75	77735	20.420	ug/l	100
55) 1,1,2-Trichloroethane	8.407	97	49464	20.582	ug/l	100
56) Ethyl methacrylate	8.343	69	85372	19.449	ug/l	99
57) 1,3-Dichloropropane	8.581	76	87390	20.375	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.469	63	111465	90.066	ug/l	98
59) 2-Hexanone	8.700	43	361526	99.007	ug/l	98
60) Dibromochloromethane	8.816	129	45314	19.185	ug/l	100
61) 1,2-Dibromoethane	8.928	107	51842	20.293	ug/l	99
64) Tetrachloroethene	8.555	164	37071	20.317	ug/l	96
65) Chlorobenzene	9.452	112	118608	20.236	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.542	131	41956	20.503	ug/l	99
67) Ethyl Benzene	9.575	91	221250	20.513	ug/l	100
68) m/p-Xylenes	9.700	106	169399	40.427	ug/l	98
69) o-Xylene	10.105	106	84015	20.202	ug/l	99
70) Styrene	10.121	104	140576	20.149	ug/l	99
71) Bromoform	10.298	173	34766	18.443	ug/l #	97
73) Isopropylbenzene	10.488	105	220589	21.313	ug/l	99
74) N-amyl acetate	10.327	43	108249	20.771	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.790	83	92755	20.712	ug/l	99
76) 1,2,3-Trichloropropane	10.832	75	87661m	21.624	ug/l	
77) Bromobenzene	10.787	156	49945	19.984	ug/l	96
78) n-propylbenzene	10.909	91	264971	21.008	ug/l	100
79) 2-Chlorotoluene	10.989	91	165522	20.936	ug/l	100
80) 1,3,5-Trimethylbenzene	11.092	105	189508	20.901	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.555	75	28071	19.216	ug/l	96
82) 4-Chlorotoluene	11.102	91	187268	20.956	ug/l	100
83) tert-Butylbenzene	11.423	119	184563	20.927	ug/l	99
84) 1,2,4-Trimethylbenzene	11.472	105	191737	21.375	ug/l	99
85) sec-Butylbenzene	11.648	105	237679	20.927	ug/l	100
86) p-Isopropyltoluene	11.796	119	193640	21.195	ug/l	99
87) 1,3-Dichlorobenzene	11.751	146	97439	20.359	ug/l	100
88) 1,4-Dichlorobenzene	11.841	146	98383	20.094	ug/l	99
89) n-Butylbenzene	12.211	91	170710	20.287	ug/l	100
90) Hexachloroethane	12.481	117	32679	19.809	ug/l	95
91) 1,2-Dichlorobenzene	12.218	146	97459	19.920	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	13.002	75	21687	20.524	ug/l	96
93) 1,2,4-Trichlorobenzene	13.845	180	54548	20.006	ug/l	99
94) Hexachlorobutadiene	14.025	225	22604	19.860	ug/l	100
95) Naphthalene	14.089	128	195597	19.074	ug/l	99
96) 1,2,3-Trichlorobenzene	14.333	180	53962	19.706	ug/l	98

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

