

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050521\
 Data File : VU043560.D
 Acq On : 05 May 2021 19:22
 Operator : SY/MD
 Sample : VU0505WBS01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0505WBS01

Manual Integrations
 APPROVED

MMDadoda
 5/6/2021 5:39:40 PM

Quant Time: May 06 06:32:18 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U041221W.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 12 13:17:29 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.382	168	89995	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	148825	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	143044	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	74089	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	88951	58.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.60%	
35) Dibromofluoromethane	5.298	113	60126	53.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.54%	
50) Toluene-d8	7.906	98	205855	52.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.04%	
62) 4-Bromofluorobenzene	10.639	95	74343	46.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.84%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.388	85	18821	20.27	ug/l	100
3) Chloromethane	1.523	50	25033	24.69	ug/l	96
4) Vinyl Chloride	1.607	62	22702	22.42	ug/l	98
5) Bromomethane	1.845	94	12908	23.39	ug/l	98
6) Chloroethane	1.929	64	14094	20.16	ug/l	97
7) Trichlorofluoromethane	2.138	101	33338	19.38	ug/l	97
8) Diethyl Ether	2.379	74	12014	21.81	ug/l	88
9) 1,1,2-Trichlorotrifluo...	2.584	101	19045	21.51	ug/l	93
10) Methyl Iodide	2.726	142	20455	17.53	ug/l	99
11) Tert butyl alcohol	3.186	59	39337	100.88	ug/l #	78
12) 1,1-Dichloroethene	2.581	96	17517	20.79	ug/l	96
13) Acrolein	2.491	56	21989	97.12	ug/l	98
14) Allyl chloride	2.929	41	44560	21.80	ug/l	96
15) Acrylonitrile	3.318	53	91074	108.59	ug/l	99
16) Acetone	2.630	43	94723	106.21	ug/l	99
17) Carbon Disulfide	2.797	76	46592	17.98	ug/l	99
18) Methyl Acetate	2.951	43	51679	27.33	ug/l	95
19) Methyl tert-butyl Ether	3.369	73	68704	20.64	ug/l	99
20) Methylene Chloride	3.051	84	26733	24.88	ug/l	94
21) trans-1,2-Dichloroethene	3.359	96	19453	19.77	ug/l	97
22) Diisopropyl ether	3.999	45	88388	22.60	ug/l	95
23) Vinyl Acetate	3.964	43	391436	103.42	ug/l	98
24) 1,1-Dichloroethane	3.877	63	45371	22.94	ug/l	98
25) 2-Butanone	4.707	43	144349	105.03	ug/l	98
26) 2,2-Dichloropropane	4.674	77	33363	19.23	ug/l	98
27) cis-1,2-Dichloroethene	4.674	96	23492	20.98	ug/l	96
28) Bromochloromethane	4.983	49	24091	23.89	ug/l	87
29) Tetrahydrofuran	5.057	42	89051	102.90	ug/l	94
30) Chloroform	5.096	83	44333	21.17	ug/l	97
31) Cyclohexane	5.398	56	37155	19.91	ug/l	94
32) 1,1,1-Trichloroethane	5.324	97	36928	19.95	ug/l	96
36) 1,1-Dichloropropene	5.533	75	28960	18.34	ug/l	99
37) Ethyl Acetate	4.809	43	51302	19.00	ug/l	96
38) Carbon Tetrachloride	5.533	117	30138	17.80	ug/l	98
39) Methylcyclohexane	6.771	83	28956	16.68	ug/l	93
40) Benzene	5.781	78	89929	19.93	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.980	41	28605	20.15	ug/l	96
42) 1,2-Dichloroethane	5.800	62	41210	20.59	ug/l	99
43) Isopropyl Acetate	5.919	43	76213	19.79	ug/l	96
44) Trichloroethene	6.549	130	21479	18.77	ug/l	85
45) 1,2-Dichloropropane	6.797	63	26737	21.27	ug/l	100
46) Dibromomethane	6.925	93	17712	19.93	ug/l	91
47) Bromodichloromethane	7.112	83	35451	20.20	ug/l	99
48) Methyl methacrylate	6.967	41	37620	19.46	ug/l	97
49) 1,4-Dioxane	6.970	88	13557	350.06	ug/l #	96
51) 4-Methyl-2-Pentanone	7.797	43	272046	95.50	ug/l	97
52) Toluene	7.977	92	54148	19.36	ug/l	99
53) t-1,3-Dichloropropene	8.218	75	34979	17.95	ug/l	99
54) cis-1,3-Dichloropropene	7.613	75	38353	19.39	ug/l	91
55) 1,1,2-Trichloroethane	8.407	97	23304	19.42	ug/l	94
56) Ethyl methacrylate	8.337	69	32890	16.74	ug/l	91
57) 1,3-Dichloropropane	8.581	76	40964	19.76	ug/l	98
58) 2-Chloroethyl Vinyl ether	7.469	63	49307	65.90	ug/l	95
59) 2-Hexanone	8.690	43	212923	90.78	ug/l	97
60) Dibromochloromethane	8.819	129	24615	17.74	ug/l	98
61) 1,2-Dibromoethane	8.931	107	24800	18.33	ug/l	99
64) Tetrachloroethene	8.559	164	20817	20.06	ug/l	97
65) Chlorobenzene	9.452	112	54801	17.86	ug/l	97
66) 1,1,1,2-Tetrachloroethane	9.539	131	21253	18.12	ug/l	98
67) Ethyl Benzene	9.578	91	96979	17.52	ug/l	99
68) m/p-Xylenes	9.700	106	73655	35.96	ug/l	98
69) o-Xylene	10.108	106	34475	17.24	ug/l	97
70) Styrene	10.121	104	59237	17.60	ug/l	98
71) Bromoform	10.298	173	19381	16.04	ug/l #	98
73) Isopropylbenzene	10.491	105	93590	18.82	ug/l	99
74) N-amyl acetate	10.327	43	55294	17.31	ug/l	95
75) 1,1,2,2-Tetrachloroethane	10.790	83	43988	20.32	ug/l	100
76) 1,2,3-Trichloropropane	10.832	75	40668m	18.78	ug/l	
77) Bromobenzene	10.790	156	24914	17.98	ug/l	94
78) n-propylbenzene	10.912	91	113766	19.11	ug/l	97
79) 2-Chlorotoluene	10.993	91	69360	19.17	ug/l	98
80) 1,3,5-Trimethylbenzene	11.095	105	80849	18.42	ug/l	98
81) trans-1,4-Dichloro-2-b...	10.552	75	11830	16.06	ug/l	90
82) 4-Chlorotoluene	11.102	91	82357	18.95	ug/l	96
83) tert-Butylbenzene	11.427	119	76559	17.74	ug/l	98
84) 1,2,4-Trimethylbenzene	11.475	105	81952	18.17	ug/l	97
85) sec-Butylbenzene	11.652	105	93300	18.45	ug/l	97
86) p-Isopropyltoluene	11.800	119	82946	17.82	ug/l	97
87) 1,3-Dichlorobenzene	11.751	146	44461	17.70	ug/l	99
88) 1,4-Dichlorobenzene	11.845	146	45198	17.25	ug/l	98
89) n-Butylbenzene	12.214	91	74334	17.05	ug/l	96
90) Hexachloroethane	12.484	117	13676	15.67	ug/l	89
91) 1,2-Dichlorobenzene	12.221	146	45266	17.64	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	13.005	75	10829	17.67	ug/l	82
93) 1,2,4-Trichlorobenzene	13.848	180	27462	17.21	ug/l	99
94) Hexachlorobutadiene	14.031	225	14543	16.77	ug/l	99
95) Naphthalene	14.095	128	86788	18.05	ug/l	98
96) 1,2,3-Trichlorobenzene	14.336	180	28674	18.38	ug/l	99

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

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