

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050721\
 Data File : VU043607.D
 Acq On : 07 May 2021 13:15
 Operator : SY/MD
 Sample : VU0507WBSD01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0507WBSD01

Manual Integrations
 APPROVED

MMDadoda
 5/10/2021 3:35:46 PM

Quant Time: May 08 01:07:45 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U050621W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 06 07:26:23 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.382	168	101671	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	168990	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	158506	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	82233	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	98851	48.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.06%	
35) Dibromofluoromethane	5.298	113	65013	48.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.48%	
50) Toluene-d8	7.906	98	237381	49.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.36%	
62) 4-Bromofluorobenzene	10.639	95	86691	47.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.36%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	24929	18.19	ug/l	100
3) Chloromethane	1.523	50	32220	18.58	ug/l	99
4) Vinyl Chloride	1.607	62	28224	17.49	ug/l	100
5) Bromomethane	1.839	94	17424	19.18	ug/l	100
6) Chloroethane	1.925	64	17504	16.91	ug/l	99
7) Trichlorofluoromethane	2.138	101	39867	18.24	ug/l	97
8) Diethyl Ether	2.382	74	14740	18.60	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.581	101	22684	18.73	ug/l	98
10) Methyl Iodide	2.726	142	23361	15.72	ug/l	98
11) Tert butyl alcohol	3.189	59	44665	80.89	ug/l	99
12) 1,1-Dichloroethene	2.581	96	21953	18.65	ug/l	97
13) Acrolein	2.491	56	21465	92.44	ug/l	96
14) Allyl chloride	2.929	41	53836	18.25	ug/l	100
15) Acrylonitrile	3.318	53	94926	94.71	ug/l	99
16) Acetone	2.630	43	110909	97.08	ug/l	99
17) Carbon Disulfide	2.797	76	65129	17.45	ug/l	99
18) Methyl Acetate	2.951	43	52156	19.97	ug/l	97
19) Methyl tert-butyl Ether	3.372	73	75300	18.60	ug/l	98
20) Methylene Chloride	3.051	84	28524	17.74	ug/l	98
21) trans-1,2-Dichloroethene	3.356	96	23343	18.24	ug/l	96
22) Diisopropyl ether	3.999	45	95037	18.79	ug/l	97
23) Vinyl Acetate	3.964	43	480121	89.43	ug/l	99
24) 1,1-Dichloroethane	3.877	63	52386	17.91	ug/l	98
25) 2-Butanone	4.707	43	169788	96.40	ug/l	100
26) 2,2-Dichloropropane	4.671	77	42133	21.38	ug/l	99
27) cis-1,2-Dichloroethene	4.674	96	27640	18.72	ug/l	97
28) Bromochloromethane	4.980	49	29926	20.39	ug/l	99
29) Tetrahydrofuran	5.057	42	95778	95.76	ug/l	99
30) Chloroform	5.096	83	51500	18.22	ug/l	99
31) Cyclohexane	5.391	56	43302	17.63	ug/l	98
32) 1,1,1-Trichloroethane	5.324	97	43773	18.17	ug/l	100
36) 1,1-Dichloropropene	5.533	75	36123	18.83	ug/l	99
37) Ethyl Acetate	4.809	43	61711	18.99	ug/l	99
38) Carbon Tetrachloride	5.530	117	35486	18.25	ug/l	99
39) Methylcyclohexane	6.771	83	34388	18.55	ug/l	95
40) Benzene	5.781	78	108103	18.80	ug/l	99
41) Methacrylonitrile	4.980	41	33083	18.80	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 1,2-Dichloroethane	5.803	62	46410	18.38	ug/l	99
43) Isopropyl Acetate	5.919	43	89249	18.73	ug/l	99
44) Trichloroethene	6.549	130	25981	19.24	ug/l	98
45) 1,2-Dichloropropane	6.797	63	30839	18.20	ug/l	94
46) Dibromomethane	6.925	93	20522	19.21	ug/l	99
47) Bromodichloromethane	7.112	83	39990	18.49	ug/l	96
48) Methyl methacrylate	6.967	41	43629m	18.22	ug/l	
49) 1,4-Dioxane	6.970	88	14059	351.61	ug/l	97
51) 4-Methyl-2-Pentanone	7.797	43	320510	95.02	ug/l	100
52) Toluene	7.977	92	63929	19.23	ug/l	98
53) t-1,3-Dichloropropene	8.218	75	42714	18.65	ug/l	97
54) cis-1,3-Dichloropropene	7.613	75	44864	18.97	ug/l	99
55) 1,1,2-Trichloroethane	8.407	97	27351	18.88	ug/l	99
56) Ethyl methacrylate	8.340	69	41926	18.26	ug/l	98
57) 1,3-Dichloropropane	8.581	76	48893	18.97	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.469	63	86683	115.94	ug/l	98
59) 2-Hexanone	8.690	43	253297	93.76	ug/l	98
60) Dibromochloromethane	8.816	129	28789	18.68	ug/l	98
61) 1,2-Dibromoethane	8.931	107	29871	19.08	ug/l	100
64) Tetrachloroethene	8.559	164	24494	20.01	ug/l	98
65) Chlorobenzene	9.456	112	66100	18.90	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.539	131	25108	18.66	ug/l	99
67) Ethyl Benzene	9.578	91	119395	18.03	ug/l	98
68) m/p-Xylenes	9.700	106	88841	36.27	ug/l	99
69) o-Xylene	10.108	106	42783	18.35	ug/l	99
70) Styrene	10.121	104	71208	17.93	ug/l	98
71) Bromoform	10.298	173	22671	18.53	ug/l #	99
73) Isopropylbenzene	10.491	105	113468	19.25	ug/l	100
74) N-ethyl acetate	10.327	43	69939	17.67	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.790	83	52039	18.72	ug/l	97
76) 1,2,3-Trichloropropane	10.832	75	48467m	18.54	ug/l	
77) Bromobenzene	10.790	156	29875	19.69	ug/l	94
78) n-propylbenzene	10.912	91	140697	19.52	ug/l	99
79) 2-Chlorotoluene	10.993	91	85797	19.20	ug/l	98
80) 1,3,5-Trimethylbenzene	11.095	105	98376	18.18	ug/l	98
81) trans-1,4-Dichloro-2-b...	10.552	75	14405	17.94	ug/l	99
82) 4-Chlorotoluene	11.102	91	101592	19.90	ug/l	100
83) tert-Butylbenzene	11.427	119	94030	19.19	ug/l	99
84) 1,2,4-Trimethylbenzene	11.475	105	98692	18.27	ug/l	99
85) sec-Butylbenzene	11.652	105	119343	18.70	ug/l	99
86) p-Isopropyltoluene	11.800	119	100026	18.34	ug/l	100
87) 1,3-Dichlorobenzene	11.751	146	52851	18.41	ug/l	100
88) 1,4-Dichlorobenzene	11.841	146	53815	18.08	ug/l	98
89) n-Butylbenzene	12.214	91	91922	17.95	ug/l	100
90) Hexachloroethane	12.481	117	15356	18.62	ug/l	99
91) 1,2-Dichlorobenzene	12.221	146	54273	18.31	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	13.002	75	12832	18.73	ug/l	95
93) 1,2,4-Trichlorobenzene	13.848	180	32854	17.05	ug/l	98
94) Hexachlorobutadiene	14.031	225	16573	18.07	ug/l	95
95) Naphthalene	14.095	128	106172	16.28	ug/l	100
96) 1,2,3-Trichlorobenzene	14.336	180	33534	17.45	ug/l	99

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