

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092721\
 Data File : VU044889.D
 Acq On : 27 Sep 2021 15:21
 Operator : SY/MD
 Sample : VU0927WBS01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0927WBS01

Manual Integrations
 APPROVED

MMDadoda
 9/28/2021 7:04:49 PM

Quant Time: Sep 27 16:36:57 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U092421W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 25 09:30:46 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.378	168	149448	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	267673	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	255569	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.815	152	137448	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.706	65	137755	52.815	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.620%	
35) Dibromofluoromethane	5.292	113	95152	51.818	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.640%	
50) Toluene-d8	7.902	98	370291	53.393	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.780%	
62) 4-Bromofluorobenzene	10.639	95	151012	58.625	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.260%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	34499	19.275	ug/l	97
3) Chloromethane	1.517	50	40087	14.758	ug/l	98
4) Vinyl Chloride	1.607	62	41542	16.386	ug/l	99
5) Bromomethane	1.838	94	17252	10.298	ug/l	99
6) Chloroethane	1.909	64	30064	17.431	ug/l	97
7) Trichlorofluoromethane	2.124	101	59078	18.976	ug/l	99
8) Diethyl Ether	2.378	74	28252	19.823	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.575	101	36143	19.879	ug/l	97
10) Methyl Iodide	2.719	142	29648	15.006	ug/l	99
11) Tert butyl alcohol	3.263	59	72120m	94.735	ug/l	
12) 1,1-Dichloroethene	2.575	96	33259	18.483	ug/l	93
13) Acrolein	2.488	56	19551	94.938	ug/l	97
14) Allyl chloride	2.922	41	63374	18.145	ug/l	97
15) Acrylonitrile	3.321	53	144867	91.098	ug/l	98
16) Acetone	2.636	43	163096	110.856	ug/l	100
17) Carbon Disulfide	2.790	76	73929	14.605	ug/l	99
18) Methyl Acetate	2.954	43	88946	18.096	ug/l	99
19) Methyl tert-butyl Ether	3.369	73	139488	20.759	ug/l	100
20) Methylene Chloride	3.047	84	43177	18.129	ug/l	95
21) trans-1,2-Dichloroethene	3.353	96	35159	18.249	ug/l	98
22) Diisopropyl ether	3.999	45	135208	19.593	ug/l	97
23) Vinyl Acetate	3.960	43	546838	96.631	ug/l	98
24) 1,1-Dichloroethane	3.874	63	77749	19.411	ug/l	99
25) 2-Butanone	4.710	43	216473	96.972	ug/l	98
26) 2,2-Dichloropropane	4.668	77	64426	21.448	ug/l	100
27) cis-1,2-Dichloroethene	4.671	96	44936	19.177	ug/l	100
28) Bromochloromethane	4.980	49	29375	15.433	ug/l	98
29) Tetrahydrofuran	5.057	42	124800	88.863	ug/l	96
30) Chloroform	5.092	83	77062	19.134	ug/l	99
31) Cyclohexane	5.391	56	65858	17.587	ug/l	94
32) 1,1,1-Trichloroethane	5.320	97	62548	19.221	ug/l	99
36) 1,1-Dichloropropene	5.529	75	54376	19.146	ug/l	98
37) Ethyl Acetate	4.809	43	74204	17.807	ug/l	97
38) Carbon Tetrachloride	5.526	117	47518	18.715	ug/l	96
39) Methylcyclohexane	6.767	83	61921	19.277	ug/l	98
40) Benzene	5.777	78	161449	18.646	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.980	41	39497	18.988	ug/l	97
42) 1,2-Dichloroethane	5.800	62	65793	19.314	ug/l	100
43) Isopropyl Acetate	5.918	43	113237	19.423	ug/l	99
44) Trichloroethene	6.545	130	37310	17.928	ug/l	96
45) 1,2-Dichloropropane	6.796	63	44764	19.102	ug/l	97
46) Dibromomethane	6.922	93	29849	19.223	ug/l	99
47) Bromodichloromethane	7.111	83	59342	19.374	ug/l	99
48) Methyl methacrylate	6.967	41	53379	19.398	ug/l	95
49) 1,4-Dioxane	6.983	88	29105	413.844	ug/l	94
51) 4-Methyl-2-Pentanone	7.803	43	421262	101.384	ug/l	99
52) Toluene	7.973	92	102235	19.749	ug/l	99
53) t-1,3-Dichloropropene	8.214	75	65235	20.443	ug/l	99
54) cis-1,3-Dichloropropene	7.613	75	69884	20.222	ug/l	99
55) 1,1,2-Trichloroethane	8.404	97	44116	19.932	ug/l	98
56) Ethyl methacrylate	8.340	69	75473	20.307	ug/l	99
57) 1,3-Dichloropropane	8.581	76	78953	20.033	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.468	63	99486	118.407	ug/l	97
59) 2-Hexanone	8.693	43	351988	105.536	ug/l	98
60) Dibromochloromethane	8.815	129	41745	19.696	ug/l	99
61) 1,2-Dibromoethane	8.928	107	45417	19.543	ug/l	98
64) Tetrachloroethene	8.558	164	32902	18.993	ug/l	95
65) Chlorobenzene	9.452	112	106372	20.049	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.539	131	37721	19.933	ug/l	97
67) Ethyl Benzene	9.574	91	196423	20.742	ug/l	100
68) m/p-Xylenes	9.696	106	151188	41.743	ug/l	98
69) o-Xylene	10.105	106	76137	21.740	ug/l	98
70) Styrene	10.118	104	126797	19.990	ug/l	99
71) Bromoform	10.298	173	32975	21.060	ug/l #	100
73) Isopropylbenzene	10.487	105	198826	20.381	ug/l	99
74) N-amyl acetate	10.327	43	104722	21.061	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.790	83	91779	20.651	ug/l	100
76) 1,2,3-Trichloropropane	10.831	75	81668m	19.622	ug/l	
77) Bromobenzene	10.786	156	47606	20.426	ug/l	99
78) n-propylbenzene	10.909	91	245433	20.763	ug/l	99
79) 2-Chlorotoluene	10.992	91	149953	20.814	ug/l	100
80) 1,3,5-Trimethylbenzene	11.092	105	175150	21.196	ug/l	100
81) trans-1,4-Dichloro-2-b...	10.552	75	27615	21.493	ug/l	99
82) 4-Chlorotoluene	11.102	91	173738	21.183	ug/l	100
83) tert-Butylbenzene	11.426	119	170245	21.357	ug/l	99
84) 1,2,4-Trimethylbenzene	11.471	105	178665	21.931	ug/l	99
85) sec-Butylbenzene	11.648	105	224462	21.775	ug/l	100
86) p-Isopropyltoluene	11.796	119	184319	21.980	ug/l	99
87) 1,3-Dichlorobenzene	11.751	146	94963	20.996	ug/l	98
88) 1,4-Dichlorobenzene	11.841	146	96027	20.530	ug/l	98
89) n-Butylbenzene	12.214	91	168046	20.234	ug/l	100
90) Hexachloroethane	12.481	117	31471	20.827	ug/l	97
91) 1,2-Dichlorobenzene	12.217	146	97950	20.436	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	13.002	75	20374	18.905	ug/l	99
93) 1,2,4-Trichlorobenzene	13.844	180	53701	20.276	ug/l	99
94) Hexachlorobutadiene	14.027	225	23165	19.661	ug/l	98
95) Naphthalene	14.092	128	196651	19.245	ug/l	100
96) 1,2,3-Trichlorobenzene	14.333	180	54729	20.321	ug/l	100

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

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