

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092521\
 Data File : VU044860.D
 Acq On : 26 Sep 2021 01:09
 Operator : SY/MD
 Sample : VU0925WBSD02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0925WBSD02

Manual Integrations
 APPROVED

MMDadoda
 9/27/2021 11:03:16 AM

Quant Time: Sep 27 02:53:49 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	144996	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	273971	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	256096	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.816	152	120379	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.706	65	133803	52.875	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.740%	
35) Dibromofluoromethane	5.295	113	91523	48.696	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.400%	
50) Toluene-d8	7.902	98	349063	49.175	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.340%	
62) 4-Bromofluorobenzene	10.636	95	125979	47.783	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.560%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.388	85	31657	18.230	ug/l	99
3) Chloromethane	1.520	50	43133	16.367	ug/l	100
4) Vinyl Chloride	1.607	62	44367	18.038	ug/l	100
5) Bromomethane	1.851	94	29006	21.612	ug/l	99
6) Chloroethane	1.932	64	30535	18.265	ug/l	99
7) Trichlorofluoromethane	2.141	101	57173	18.928	ug/l	98
8) Diethyl Ether	2.382	74	26565	19.212	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.584	101	32135	18.217	ug/l	98
10) Methyl Iodide	2.726	142	29135	15.199	ug/l	97
11) Tert butyl alcohol	3.202	59	66729	90.344	ug/l	98
12) 1,1-Dichloroethene	2.584	96	32491	18.611	ug/l	97
13) Acrolein	2.491	56	19886	99.541	ug/l	98
14) Allyl chloride	2.928	41	59871	17.668	ug/l	98
15) Acrylonitrile	3.321	53	143299	92.879	ug/l	99
16) Acetone	2.633	43	129411	90.661	ug/l	99
17) Carbon Disulfide	2.797	76	83097	16.920	ug/l	99
18) Methyl Acetate	2.954	43	88454	18.548	ug/l	100
19) Methyl tert-butyl Ether	3.372	73	127596	19.572	ug/l	100
20) Methylene Chloride	3.051	84	42181	18.255	ug/l	97
21) trans-1,2-Dichloroethene	3.359	96	34714	18.571	ug/l	97
22) Diisopropyl ether	3.999	45	126871	18.950	ug/l	94
23) Vinyl Acetate	3.964	43	512847	93.407	ug/l	99
24) 1,1-Dichloroethane	3.877	63	73921	19.022	ug/l	99
25) 2-Butanone	4.710	43	198575	91.685	ug/l	100
26) 2,2-Dichloropropane	4.671	77	45380	15.571	ug/l	98
27) cis-1,2-Dichloroethene	4.674	96	41486	18.249	ug/l	98
28) Bromochloromethane	4.980	49	28988	15.697	ug/l	98
29) Tetrahydrofuran	5.057	42	126411	92.774	ug/l	98
30) Chloroform	5.096	83	73058	18.697	ug/l	98
31) Cyclohexane	5.391	56	64517	17.758	ug/l	94
32) 1,1,1-Trichloroethane	5.321	97	59631	18.888	ug/l	99
36) 1,1-Dichloropropene	5.530	75	50837	17.488	ug/l	99
37) Ethyl Acetate	4.809	43	73765	17.294	ug/l	99
38) Carbon Tetrachloride	5.530	117	45060	17.339	ug/l	97
39) Methylcyclohexane	6.768	83	55220	16.796	ug/l	99
40) Benzene	5.780	78	156207	17.625	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.977	41	38311	17.995	ug/l	98
42) 1,2-Dichloroethane	5.800	62	63820	18.304	ug/l	98
43) Isopropyl Acetate	5.919	43	108389	18.164	ug/l	100
44) Trichloroethene	6.546	130	36131	16.963	ug/l	96
45) 1,2-Dichloropropane	6.796	63	42721	17.811	ug/l	98
46) Dibromomethane	6.922	93	29278	18.421	ug/l	98
47) Bromodichloromethane	7.112	83	54675	17.440	ug/l	100
48) Methyl methacrylate	6.964	41	49670	17.635	ug/l	98
49) 1,4-Dioxane	6.980	88	26462	367.613	ug/l	95
51) 4-Methyl-2-Pentanone	7.796	43	376253	88.470	ug/l	100
52) Toluene	7.973	92	95205	17.968	ug/l	100
53) t-1,3-Dichloropropene	8.214	75	56082	17.170	ug/l	99
54) cis-1,3-Dichloropropene	7.610	75	60552	17.119	ug/l	98
55) 1,1,2-Trichloroethane	8.404	97	40921	18.063	ug/l	99
56) Ethyl methacrylate	8.337	69	64655	17.304	ug/l	98
57) 1,3-Dichloropropane	8.578	76	72337	17.932	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.468	63	105758	122.079	ug/l	99
59) 2-Hexanone	8.687	43	295698	86.620	ug/l	99
60) Dibromochloromethane	8.812	129	37294	17.191	ug/l	100
61) 1,2-Dibromoethane	8.928	107	41871	17.603	ug/l	99
64) Tetrachloroethene	8.558	164	30650	17.657	ug/l	97
65) Chlorobenzene	9.449	112	95898	18.038	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.539	131	33577	17.707	ug/l	98
67) Ethyl Benzene	9.574	91	175151	18.458	ug/l	99
68) m/p-Xylenes	9.697	106	133683	36.834	ug/l	100
69) o-Xylene	10.105	106	64845	18.477	ug/l	96
70) Styrene	10.118	104	108498	17.218	ug/l	98
71) Bromoform	10.295	173	26708	17.022	ug/l #	97
73) Isopropylbenzene	10.488	105	169063	19.787	ug/l	99
74) N-amyl acetate	10.324	43	85375	19.605	ug/l	100
75) 1,1,2,2-Tetrachloroethane	10.787	83	71103	18.267	ug/l	99
76) 1,2,3-Trichloropropane	10.828	75	67766m	18.590	ug/l	
77) Bromobenzene	10.787	156	39475	19.339	ug/l	99
78) n-propylbenzene	10.909	91	203709	19.677	ug/l	100
79) 2-Chlorotoluene	10.989	91	126444	20.040	ug/l	99
80) 1,3,5-Trimethylbenzene	11.092	105	145913	20.162	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.549	75	18859	16.759	ug/l	95
82) 4-Chlorotoluene	11.099	91	141965	19.763	ug/l	100
83) tert-Butylbenzene	11.423	119	139857	20.032	ug/l	100
84) 1,2,4-Trimethylbenzene	11.471	105	143856	20.162	ug/l	99
85) sec-Butylbenzene	11.648	105	181594	20.115	ug/l	100
86) p-Isopropyltoluene	11.796	119	144454	19.669	ug/l	99
87) 1,3-Dichlorobenzene	11.748	146	73336	18.513	ug/l	99
88) 1,4-Dichlorobenzene	11.838	146	74436	18.171	ug/l	96
89) n-Butylbenzene	12.211	91	125348	17.422	ug/l	99
90) Hexachloroethane	12.478	117	25555	19.310	ug/l	92
91) 1,2-Dichlorobenzene	12.214	146	77442	18.448	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.999	75	18135	19.214	ug/l	97
93) 1,2,4-Trichlorobenzene	13.844	180	42742	18.427	ug/l	99
94) Hexachlorobutadiene	14.024	225	17664	17.118	ug/l	98
95) Naphthalene	14.089	128	173553	19.385	ug/l	99
96) 1,2,3-Trichlorobenzene	14.333	180	46409	19.676	ug/l	98

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

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