

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092521\
 Data File : VU044854.D
 Acq On : 25 Sep 2021 22:02
 Operator : SY/MD
 Sample : M3859-09MSD
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 1028-MW-02MSD

Manual Integrations
 APPROVED

MMDadoda
 9/27/2021 11:03:08 AM

Quant Time: Sep 27 01:37:40 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	148110	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	270542	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	256005	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.815	152	127091	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.706	65	129844	50.231	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.460%	
35) Dibromofluoromethane	5.292	113	90670	48.853	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.700%	
50) Toluene-d8	7.902	98	346953	49.497	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.000%	
62) 4-Bromofluorobenzene	10.635	95	127489	48.968	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.940%	
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.385	85	87764	49.477	ug/l	97
3) Chloromethane	1.520	50	109368	40.627	ug/l	99
4) Vinyl Chloride	1.607	62	125241	49.848	ug/l	100
5) Bromomethane	1.845	94	54996	44.513	ug/l	98
6) Chloroethane	1.928	64	77321	45.830	ug/l	100
7) Trichlorofluoromethane	2.137	101	149094	48.321	ug/l	100
8) Diethyl Ether	2.379	74	69737	49.373	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.584	101	85802	47.618	ug/l	97
10) Methyl Iodide	2.726	142	77076	39.365	ug/l	97
11) Tert butyl alcohol	3.192	59	161082	213.504	ug/l	100
12) 1,1-Dichloroethene	2.581	96	83817	47.001	ug/l	99
13) Acrolein	2.488	56	52684	258.567	ug/l	100
14) Allyl chloride	2.925	41	160940	46.496	ug/l	99
15) Acrylonitrile	3.317	53	370930	235.362	ug/l	99
16) Acetone	2.629	43	334797	229.616	ug/l	99
17) Carbon Disulfide	2.797	76	225062	44.863	ug/l	100
18) Methyl Acetate	2.951	43	205904	42.270	ug/l	98
19) Methyl tert-butyl Ether	3.369	73	337435	50.672	ug/l	99
20) Methylene Chloride	3.051	84	105078	44.519	ug/l	97
21) trans-1,2-Dichloroethene	3.356	96	94154	49.312	ug/l	99
22) Diisopropyl ether	3.999	45	334365	48.891	ug/l	95
23) Vinyl Acetate	3.960	43	1278533	227.969	ug/l	99
24) 1,1-Dichloroethane	3.874	63	193282	48.691	ug/l	100
25) 2-Butanone	4.706	43	522810	236.315	ug/l	99
26) 2,2-Dichloropropane	4.671	77	131710	44.244	ug/l	94
27) cis-1,2-Dichloroethene	4.671	96	208406	89.745	ug/l	95
28) Bromochloromethane	4.980	49	85324	45.232	ug/l	96
29) Tetrahydrofuran	5.054	42	332011	238.542	ug/l	98
30) Chloroform	5.092	83	189176	47.397	ug/l	99
31) Cyclohexane	5.391	56	166257	44.799	ug/l	96
32) 1,1,1-Trichloroethane	5.321	97	154877	48.025	ug/l	99
36) 1,1-Dichloropropene	5.530	75	134309	46.789	ug/l	100
37) Ethyl Acetate	4.806	43	177028	42.031	ug/l	99
38) Carbon Tetrachloride	5.530	117	121408	47.310	ug/l	100
39) Methylcyclohexane	6.767	83	158089	48.694	ug/l	98
40) Benzene	5.777	78	410676	46.925	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.976	41	100534	47.820	ug/l	98
42) 1,2-Dichloroethane	5.800	62	163288	47.426	ug/l	99
43) Isopropyl Acetate	5.915	43	266373	45.205	ug/l	99
44) Trichloroethene	6.546	130	217100	103.216	ug/l	96
45) 1,2-Dichloropropane	6.796	63	111355	47.014	ug/l	97
46) Dibromomethane	6.922	93	75815	48.307	ug/l	98
47) Bromodichloromethane	7.108	83	147457	47.631	ug/l	97
48) Methyl methacrylate	6.964	41	133857	48.128	ug/l	98
49) 1,4-Dioxane	6.976	88	65668	923.831	ug/l	95
51) 4-Methyl-2-Pentanone	7.796	43	976957	232.628	ug/l	99
52) Toluene	7.973	92	251123	47.994	ug/l	100
53) t-1,3-Dichloropropene	8.214	75	157075	48.701	ug/l	100
54) cis-1,3-Dichloropropene	7.610	75	168644	48.282	ug/l	99
55) 1,1,2-Trichloroethane	8.404	97	105562	47.188	ug/l	98
56) Ethyl methacrylate	8.336	69	179163	45.152	ug/l	100
57) 1,3-Dichloropropane	8.578	76	189226	47.503	ug/l	100
59) 2-Hexanone	8.687	43	794498	235.686	ug/l	99
60) Dibromochloromethane	8.816	129	101559	47.408	ug/l	100
61) 1,2-Dibromoethane	8.928	107	110100	46.873	ug/l	99
64) Tetrachloroethene	8.558	164	264889	152.651	ug/l	99
65) Chlorobenzene	9.449	112	252633	47.536	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.539	131	90055	47.508	ug/l	98
67) Ethyl Benzene	9.574	91	477513	50.339	ug/l	99
68) m/p-Xylenes	9.697	106	363285	100.132	ug/l	98
69) o-Xylene	10.102	106	179005	51.025	ug/l	100
70) Styrene	10.118	104	302848	46.264	ug/l	98
71) Bromoform	10.295	173	72573	46.270	ug/l #	99
73) Isopropylbenzene	10.488	105	460599	51.062	ug/l	99
74) N-amyl acetate	10.324	43	221782	48.239	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.787	83	194636	47.363	ug/l	100
76) 1,2,3-Trichloropropane	10.828	75	183990m	47.808	ug/l	
77) Bromobenzene	10.787	156	104494	48.488	ug/l	97
78) n-propylbenzene	10.909	91	573624	52.482	ug/l	99
79) 2-Chlorotoluene	10.989	91	337521	50.668	ug/l	100
80) 1,3,5-Trimethylbenzene	11.092	105	403344	52.789	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.549	75	55354	46.594	ug/l	99
82) 4-Chlorotoluene	11.098	91	394654	52.039	ug/l	99
83) tert-Butylbenzene	11.423	119	383827	52.074	ug/l	99
84) 1,2,4-Trimethylbenzene	11.471	105	405024	53.769	ug/l	99
85) sec-Butylbenzene	11.648	105	511781	53.695	ug/l	100
86) p-Isopropyltoluene	11.796	119	413871	53.376	ug/l	98
87) 1,3-Dichlorobenzene	11.748	146	202639	48.454	ug/l	99
88) 1,4-Dichlorobenzene	11.838	146	205722	47.567	ug/l	99
89) n-Butylbenzene	12.211	91	385832	48.351	ug/l	100
90) Hexachloroethane	12.478	117	69391	49.664	ug/l	94
91) 1,2-Dichlorobenzene	12.214	146	210672	47.536	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.999	75	52857	53.044	ug/l	96
93) 1,2,4-Trichlorobenzene	13.841	180	129266	52.785	ug/l	99
94) Hexachlorobutadiene	14.024	225	49414	45.357	ug/l	99
95) Naphthalene	14.089	128	512798	52.556	ug/l	100
96) 1,2,3-Trichlorobenzene	14.333	180	132904	53.370	ug/l	99

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

