

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU093021\
 Data File : VU045038.D
 Acq On : 30 Sep 2021 11:44
 Operator : SY/MD
 Sample : VU0930WBS01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0930WBS01

Manual Integrations
 APPROVED

MMDadoda
 10/1/2021 11:03:29 AM

Quant Time: Sep 30 16:06:36 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U092821W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 28 12:32:13 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.378	168	172627	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	308391	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	296041	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.816	152	144325	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.706	65	154514	53.770	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 107.540%			
35) Dibromofluoromethane	5.295	113	108961	56.009	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 112.020%			
50) Toluene-d8	7.902	98	429079	55.821	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 111.640%			
62) 4-Bromofluorobenzene	10.636	95	161117	50.770	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 101.540%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	42051	19.671	ug/l	94
3) Chloromethane	1.523	50	50323	18.174	ug/l	98
4) Vinyl Chloride	1.607	62	55156	19.950	ug/l	97
5) Bromomethane	1.845	94	38635	35.625	ug/l	99
6) Chloroethane	1.928	64	37082	17.459	ug/l	100
7) Trichlorofluoromethane	2.137	101	71630	19.619	ug/l	98
8) Diethyl Ether	2.379	74	33572	20.064	ug/l	88
9) 1,1,2-Trichlorotrifluo...	2.581	101	40590	19.548	ug/l	99
10) Methyl Iodide	2.726	142	43736	19.734	ug/l	98
11) Tert butyl alcohol	3.182	59	67366	81.682	ug/l	100
12) 1,1-Dichloroethene	2.581	96	40054	19.570	ug/l	96
13) Acrolein	2.488	56	15678	99.403	ug/l	99
14) Allyl chloride	2.925	41	73452	19.392	ug/l	96
15) Acrylonitrile	3.317	53	156608	94.155	ug/l	100
16) Acetone	2.626	43	163473	95.839	ug/l	99
17) Carbon Disulfide	2.797	76	110633	18.311	ug/l	100
18) Methyl Acetate	2.951	43	95437	19.144	ug/l	97
19) Methyl tert-butyl Ether	3.369	73	156689	19.832	ug/l	100
20) Methylene Chloride	3.051	84	49867	19.410	ug/l	94
21) trans-1,2-Dichloroethene	3.356	96	44662	19.948	ug/l	95
22) Diisopropyl ether	3.999	45	151962	19.651	ug/l	98
23) Vinyl Acetate	3.961	43	619026	98.425	ug/l	97
24) 1,1-Dichloroethane	3.874	63	87603	19.734	ug/l	100
25) 2-Butanone	4.703	43	225395	93.007	ug/l	97
26) 2,2-Dichloropropane	4.671	77	72456	19.305	ug/l	99
27) cis-1,2-Dichloroethene	4.671	96	51591	19.510	ug/l	99
28) Bromochloromethane	4.980	49	41510	22.560	ug/l	93
29) Tetrahydrofuran	5.054	42	135725	94.083	ug/l	95
30) Chloroform	5.096	83	88254	19.725	ug/l	99
31) Cyclohexane	5.391	56	82906	18.993	ug/l	96
32) 1,1,1-Trichloroethane	5.321	97	74090	20.069	ug/l	98
36) 1,1-Dichloropropene	5.530	75	64440	19.981	ug/l	99
37) Ethyl Acetate	4.809	43	81430	19.083	ug/l	98
38) Carbon Tetrachloride	5.530	117	56423	20.218	ug/l	98
39) Methylcyclohexane	6.768	83	79186	20.001	ug/l	95
40) Benzene	5.780	78	193996	20.197	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.977	41	42866	19.513	ug/l	96
42) 1,2-Dichloroethane	5.800	62	77167	20.440	ug/l	100
43) Isopropyl Acetate	5.915	43	123334	19.212	ug/l	99
44) Trichloroethene	6.546	130	46875	20.698	ug/l	98
45) 1,2-Dichloropropane	6.796	63	51740	20.317	ug/l	98
46) Dibromomethane	6.922	93	35564	20.731	ug/l	98
47) Bromodichloromethane	7.112	83	68133	20.455	ug/l	98
48) Methyl methacrylate	6.964	41	58295	18.656	ug/l	94
49) 1,4-Dioxane	6.967	88	27795	322.075	ug/l	93
51) 4-Methyl-2-Pentanone	7.793	43	416575	89.134	ug/l	99
52) Toluene	7.973	92	122045	20.301	ug/l	100
53) t-1,3-Dichloropropene	8.214	75	75208	19.744	ug/l	100
54) cis-1,3-Dichloropropene	7.610	75	79824	20.119	ug/l	99
55) 1,1,2-Trichloroethane	8.404	97	50077	19.992	ug/l	99
56) Ethyl methacrylate	8.337	69	82471	18.160	ug/l	98
57) 1,3-Dichloropropane	8.581	76	88941	19.896	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.468	63	124930	95.205	ug/l	98
59) 2-Hexanone	8.687	43	328267	86.253	ug/l	98
60) Dibromochloromethane	8.816	129	47420	19.254	ug/l	98
61) 1,2-Dibromoethane	8.928	107	52218	19.612	ug/l	99
64) Tetrachloroethene	8.555	164	39114	20.243	ug/l	97
65) Chlorobenzene	9.449	112	123170	19.845	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.536	131	42901	19.798	ug/l	97
67) Ethyl Benzene	9.574	91	233932	20.482	ug/l	99
68) m/p-Xylenes	9.697	106	177874	40.087	ug/l	98
69) o-Xylene	10.105	106	88691	20.140	ug/l	99
70) Styrene	10.118	104	142337	19.266	ug/l	98
71) Bromoform	10.295	173	33497	16.882	ug/l #	99
73) Isopropylbenzene	10.488	105	227316	21.150	ug/l	99
74) N-amyl acetate	10.324	43	104118	19.239	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.787	83	89029	19.145	ug/l	99
76) 1,2,3-Trichloropropane	10.828	75	77048m	18.303	ug/l	
77) Bromobenzene	10.787	156	52123	20.084	ug/l	99
78) n-propylbenzene	10.909	91	276894	21.141	ug/l	100
79) 2-Chlorotoluene	10.989	91	166822	20.320	ug/l	100
80) 1,3,5-Trimethylbenzene	11.092	105	196099	20.827	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.549	75	26563	17.511	ug/l	98
82) 4-Chlorotoluene	11.099	91	190261	20.503	ug/l	100
83) tert-Butylbenzene	11.423	119	186188	20.330	ug/l	99
84) 1,2,4-Trimethylbenzene	11.471	105	195757	21.015	ug/l	99
85) sec-Butylbenzene	11.648	105	245627	20.827	ug/l	100
86) p-Isopropyltoluene	11.796	119	200375	21.121	ug/l	99
87) 1,3-Dichlorobenzene	11.748	146	99810	20.082	ug/l	99
88) 1,4-Dichlorobenzene	11.838	146	99530	19.576	ug/l	98
89) n-Butylbenzene	12.211	91	180173	20.620	ug/l	99
90) Hexachloroethane	12.478	117	31883	18.611	ug/l	99
91) 1,2-Dichlorobenzene	12.217	146	99016	19.489	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	13.002	75	20385	18.578	ug/l	99
93) 1,2,4-Trichlorobenzene	13.844	180	54902	19.391	ug/l	100
94) Hexachlorobutadiene	14.024	225	23359	19.764	ug/l	98
95) Naphthalene	14.089	128	191462	17.980	ug/l	100
96) 1,2,3-Trichlorobenzene	14.333	180	55314	19.453	ug/l	100

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

