

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092921\
 Data File : VU045015.D
 Acq On : 30 Sep 2021 00:42
 Operator : SY/MD
 Sample : VU0929WBS02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0929WBS02

Manual Integrations
 APPROVED

MMDadoda
 9/30/2021 11:58:41 AM

Quant Time: Sep 30 01:02:54 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	5.375	168	163170	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	301423	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	303584	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.815	152	151742	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	140977	51.90	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 103.80%			
35) Dibromofluoromethane	5.292	113	97228	51.13	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.26%			
50) Toluene-d8	7.902	98	389666	51.87	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 103.74%			
62) 4-Bromofluorobenzene	10.635	95	163106	52.58	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 105.16%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.385	85	38243	18.93	ug/l	99
3) Chloromethane	1.520	50	44293	16.92	ug/l	98
4) Vinyl Chloride	1.607	62	49634	18.99	ug/l	98
5) Bromomethane	1.829	94	18927	18.46	ug/l	98
6) Chloroethane	1.909	64	35288	17.58	ug/l	100
7) Trichlorofluoromethane	2.124	101	65793	19.06	ug/l	100
8) Diethyl Ether	2.378	74	30366	19.20	ug/l	89
9) 1,1,2-Trichlorotrifluo...	2.575	101	35900	18.29	ug/l	97
10) Methyl Iodide	2.719	142	36564	17.45	ug/l	98
11) Tert butyl alcohol	3.211	59	72096	92.48	ug/l	98
12) 1,1-Dichloroethene	2.575	96	36926	19.09	ug/l	95
13) Acrolein	2.488	56	13252	89.22	ug/l	100
14) Allyl chloride	2.922	41	64923	18.13	ug/l	94
15) Acrylonitrile	3.317	53	147796	94.01	ug/l	99
16) Acetone	2.629	43	125798	78.03	ug/l	100
17) Carbon Disulfide	2.790	76	98712	17.29	ug/l	100
18) Methyl Acetate	2.951	43	88767	18.84	ug/l	97
19) Methyl tert-butyl Ether	3.369	73	143855	19.26	ug/l	99
20) Methylene Chloride	3.047	84	46291	19.06	ug/l	95
21) trans-1,2-Dichloroethene	3.349	96	39741	18.78	ug/l	94
22) Diisopropyl ether	3.996	45	136713	18.70	ug/l	98
23) Vinyl Acetate	3.957	43	551965	92.85	ug/l	98
24) 1,1-Dichloroethane	3.870	63	79627	18.98	ug/l	100
25) 2-Butanone	4.706	43	204942	89.47	ug/l	97
26) 2,2-Dichloropropane	4.668	77	52448	14.78	ug/l	97
27) cis-1,2-Dichloroethene	4.668	96	47874	19.15	ug/l	96
28) Bromochloromethane	4.976	49	38812	22.32	ug/l	92
29) Tetrahydrofuran	5.054	42	127375	93.41	ug/l	95
30) Chloroform	5.092	83	80321	18.99	ug/l	99
31) Cyclohexane	5.388	56	74028	17.94	ug/l	93
32) 1,1,1-Trichloroethane	5.320	97	66416	19.03	ug/l	100
36) 1,1-Dichloropropene	5.529	75	59596	18.91	ug/l	99
37) Ethyl Acetate	4.806	43	75858	18.19	ug/l	98
38) Carbon Tetrachloride	5.526	117	50706	18.59	ug/l	98
39) Methylcyclohexane	6.764	83	69796	18.04	ug/l	95
40) Benzene	5.777	78	175852	18.73	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.976	41	40917	19.06	ug/l	96
42) 1,2-Dichloroethane	5.796	62	69304	18.78	ug/l	100
43) Isopropyl Acetate	5.915	43	116583	18.58	ug/l	99
44) Trichloroethene	6.545	130	41452	18.73	ug/l	98
45) 1,2-Dichloropropane	6.793	63	46531	18.69	ug/l	98
46) Dibromomethane	6.922	93	32162	19.18	ug/l	100
47) Bromodichloromethane	7.108	83	61545	18.90	ug/l	98
48) Methyl methacrylate	6.963	41	57225	18.74	ug/l	94
49) 1,4-Dioxane	6.970	88	27325	324.19	ug/l	93
51) 4-Methyl-2-Pentanone	7.796	43	436880	95.64	ug/l	98
52) Toluene	7.973	92	112256	19.10	ug/l	99
53) t-1,3-Dichloropropene	8.214	75	69244	18.60	ug/l	100
54) cis-1,3-Dichloropropene	7.610	75	71672	18.48	ug/l	99
55) 1,1,2-Trichloroethane	8.404	97	48378	19.76	ug/l	96
56) Ethyl methacrylate	8.340	69	82816	18.61	ug/l	98
57) 1,3-Dichloropropane	8.581	76	85250	19.51	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.468	63	124150	96.43	ug/l	97
59) 2-Hexanone	8.690	43	349166	93.87	ug/l	98
60) Dibromochloromethane	8.816	129	46386	19.27	ug/l	99
61) 1,2-Dibromoethane	8.928	107	51226	19.68	ug/l	100
64) Tetrachloroethene	8.555	164	37726	19.04	ug/l	97
65) Chlorobenzene	9.449	112	121724	19.12	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.539	131	43148	19.42	ug/l	98
67) Ethyl Benzene	9.574	91	221117	18.88	ug/l	100
68) m/p-Xylenes	9.697	106	169713	37.30	ug/l	97
69) o-Xylene	10.105	106	85453	18.92	ug/l	97
70) Styrene	10.118	104	144689	19.10	ug/l	99
71) Bromoform	10.295	173	35270	17.30	ug/l #	99
73) Isopropylbenzene	10.487	105	228441	20.22	ug/l	99
74) N-amyl acetate	10.323	43	104861	18.43	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.786	83	92317	18.88	ug/l	99
76) 1,2,3-Trichloropropane	10.828	75	89608m	20.25	ug/l	
77) Bromobenzene	10.786	156	53906	19.76	ug/l	100
78) n-propylbenzene	10.909	91	271575	19.72	ug/l	100
79) 2-Chlorotoluene	10.989	91	167584	19.41	ug/l	99
80) 1,3,5-Trimethylbenzene	11.092	105	195012	19.70	ug/l	100
81) trans-1,4-Dichloro-2-b...	10.552	75	25633	16.07	ug/l	98
82) 4-Chlorotoluene	11.102	91	192360	19.72	ug/l	100
83) tert-Butylbenzene	11.423	119	190295	19.76	ug/l	99
84) 1,2,4-Trimethylbenzene	11.471	105	196670	20.08	ug/l	99
85) sec-Butylbenzene	11.645	105	246868	19.91	ug/l	100
86) p-Isopropyltoluene	11.796	119	197014	19.75	ug/l	99
87) 1,3-Dichlorobenzene	11.748	146	99683	19.08	ug/l	99
88) 1,4-Dichlorobenzene	11.841	146	99547	18.62	ug/l	99
89) n-Butylbenzene	12.211	91	169769	18.48	ug/l	99
90) Hexachloroethane	12.478	117	33284	18.48	ug/l	99
91) 1,2-Dichlorobenzene	12.217	146	100020	18.72	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.999	75	20656	17.90	ug/l	98
93) 1,2,4-Trichlorobenzene	13.844	180	51904	17.44	ug/l	99
94) Hexachlorobutadiene	14.024	225	21319	17.16	ug/l	99
95) Naphthalene	14.089	128	195522	17.46	ug/l	100
96) 1,2,3-Trichlorobenzene	14.333	180	52372	17.52	ug/l	97

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

