

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092921\
 Data File : VU044989.D
 Acq On : 29 Sep 2021 13:42
 Operator : SY/MD
 Sample : VU0929WBSD01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0929WBSD01

Manual Integrations
 APPROVED

MMDadoda
 9/30/2021 12:01:40 PM

Quant Time: Sep 29 14:22:30 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	149406	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	267148	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	261550	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.816	152	131404	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.706	65	135231	54.37	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 108.74%			
35) Dibromofluoromethane	5.295	113	94328	55.97	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 111.94%			
50) Toluene-d8	7.902	98	368170	55.29	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 110.58%			
62) 4-Bromofluorobenzene	10.636	95	140077	50.95	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 101.90%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.388	85	36822	19.90	ug/l	99
3) Chloromethane	1.523	50	45833	19.13	ug/l	100
4) Vinyl Chloride	1.607	62	48011	20.06	ug/l	99
5) Bromomethane	1.858	94	32483	34.61	ug/l	99
6) Chloroethane	1.935	64	31551	17.16	ug/l	97
7) Trichlorofluoromethane	2.141	101	62357	19.73	ug/l	99
8) Diethyl Ether	2.382	74	29554	20.41	ug/l	89
9) 1,1,2-Trichlorotrifluo...	2.584	101	36291	20.19	ug/l	98
10) Methyl Iodide	2.726	142	30515	15.91	ug/l	97
11) Tert butyl alcohol	3.179	59	52479	73.52	ug/l	98
12) 1,1-Dichloroethene	2.584	96	36344	20.52	ug/l	94
13) Acrolein	2.491	56	12253	90.06	ug/l	98
14) Allyl chloride	2.928	41	63991	19.52	ug/l	94
15) Acrylonitrile	3.317	53	139816	97.12	ug/l	99
16) Acetone	2.629	43	128908	87.32	ug/l	100
17) Carbon Disulfide	2.800	76	101273	19.37	ug/l	99
18) Methyl Acetate	2.951	43	84137	19.50	ug/l	97
19) Methyl tert-butyl Ether	3.369	73	138804	20.30	ug/l	98
20) Methylene Chloride	3.051	84	44375	19.96	ug/l	96
21) trans-1,2-Dichloroethene	3.359	96	39557	20.41	ug/l	95
22) Diisopropyl ether	3.999	45	132365	19.78	ug/l	97
23) Vinyl Acetate	3.961	43	551375	101.29	ug/l	98
24) 1,1-Dichloroethane	3.877	63	77521	20.18	ug/l	100
25) 2-Butanone	4.706	43	188152	89.71	ug/l	99
26) 2,2-Dichloropropane	4.671	77	62510	19.24	ug/l	99
27) cis-1,2-Dichloroethene	4.674	96	46009	20.10	ug/l	98
28) Bromochloromethane	4.980	49	30868	19.38	ug/l	93
29) Tetrahydrofuran	5.054	42	119896	96.03	ug/l	96
30) Chloroform	5.096	83	77574	20.03	ug/l	99
31) Cyclohexane	5.395	56	73025	19.33	ug/l	95
32) 1,1,1-Trichloroethane	5.324	97	63980	20.02	ug/l	99
36) 1,1-Dichloropropene	5.533	75	57501	20.58	ug/l	100
37) Ethyl Acetate	4.809	43	72221	19.54	ug/l	98
38) Carbon Tetrachloride	5.533	117	49168	20.34	ug/l	99
39) Methylcyclohexane	6.768	83	69838	20.36	ug/l	94
40) Benzene	5.780	78	170755	20.52	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.977	41	38330	20.14	ug/l	98
42) 1,2-Dichloroethane	5.800	62	68801	21.04	ug/l	98
43) Isopropyl Acetate	5.915	43	109403	19.67	ug/l	99
44) Trichloroethene	6.546	130	39884	20.33	ug/l	95
45) 1,2-Dichloropropane	6.796	63	44685	20.26	ug/l	95
46) Dibromomethane	6.922	93	31363	21.10	ug/l	99
47) Bromodichloromethane	7.112	83	59468	20.61	ug/l	98
48) Methyl methacrylate	6.964	41	50876	18.80	ug/l	93
49) 1,4-Dioxane	6.967	88	18507	237.84	ug/l	95
51) 4-Methyl-2-Pentanone	7.793	43	364206	89.96	ug/l	98
52) Toluene	7.973	92	106207	20.39	ug/l	99
53) t-1,3-Dichloropropene	8.214	75	66639	20.20	ug/l	98
54) cis-1,3-Dichloropropene	7.613	75	70904	20.63	ug/l	99
55) 1,1,2-Trichloroethane	8.404	97	43849	20.21	ug/l	99
56) Ethyl methacrylate	8.337	69	71034	18.07	ug/l	98
57) 1,3-Dichloropropane	8.581	76	76845	19.84	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.468	63	92963	84.86	ug/l	97
59) 2-Hexanone	8.687	43	283975	86.13	ug/l	98
60) Dibromochloromethane	8.816	129	40515	19.02	ug/l	100
61) 1,2-Dibromoethane	8.928	107	47087	20.41	ug/l	99
64) Tetrachloroethene	8.558	164	36253	21.24	ug/l	98
65) Chlorobenzene	9.452	112	108610	19.81	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.539	131	37746	19.72	ug/l	97
67) Ethyl Benzene	9.574	91	201918	20.01	ug/l	100
68) m/p-Xylenes	9.697	106	158159	40.34	ug/l	99
69) o-Xylene	10.105	106	76867	19.76	ug/l	100
70) Styrene	10.118	104	127798	19.58	ug/l	100
71) Bromoform	10.295	173	28968	16.55	ug/l #	98
73) Isopropylbenzene	10.488	105	198558	20.29	ug/l	100
74) N-amyl acetate	10.324	43	87933	17.85	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.787	83	76152	17.99	ug/l	100
76) 1,2,3-Trichloropropane	10.828	75	67106m	17.51	ug/l	
77) Bromobenzene	10.787	156	46932	19.86	ug/l	99
78) n-propylbenzene	10.909	91	248917	20.87	ug/l	100
79) 2-Chlorotoluene	10.989	91	143393	19.18	ug/l	99
80) 1,3,5-Trimethylbenzene	11.092	105	170474	19.89	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.549	75	22195	16.07	ug/l	96
82) 4-Chlorotoluene	11.102	91	171195	20.26	ug/l	100
83) tert-Butylbenzene	11.423	119	158603	19.02	ug/l	98
84) 1,2,4-Trimethylbenzene	11.471	105	169754	20.02	ug/l	99
85) sec-Butylbenzene	11.648	105	217344	20.24	ug/l	100
86) p-Isopropyltoluene	11.796	119	177800	20.58	ug/l	99
87) 1,3-Dichlorobenzene	11.748	146	90207	19.93	ug/l	99
88) 1,4-Dichlorobenzene	11.841	146	90379	19.52	ug/l	97
89) n-Butylbenzene	12.214	91	167501	21.05	ug/l	100
90) Hexachloroethane	12.481	117	27878	17.87	ug/l	99
91) 1,2-Dichlorobenzene	12.217	146	88032	19.03	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	13.002	75	18366	18.38	ug/l	96
93) 1,2,4-Trichlorobenzene	13.844	180	54045	20.97	ug/l	99
94) Hexachlorobutadiene	14.024	225	21790	20.25	ug/l	99
95) Naphthalene	14.092	128	191269	19.73	ug/l	100
96) 1,2,3-Trichlorobenzene	14.333	180	54002	20.86	ug/l	99

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

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