

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092921\
 Data File : VU045016.D
 Acq On : 30 Sep 2021 01:06
 Operator : SY/MD
 Sample : VU0929WBSD02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0929WBSD02

Manual Integrations
 APPROVED

MMDadoda
 9/30/2021 11:58:45 AM

Quant Time: Sep 30 05:28:25 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	170451	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	316925	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	304413	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.816	152	148945	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.706	65	147219	51.89	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 103.78%			
35) Dibromofluoromethane	5.292	113	102980	51.51	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.02%			
50) Toluene-d8	7.899	98	409212	51.80	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 103.60%			
62) 4-Bromofluorobenzene	10.636	95	160210	49.12	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 98.24%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.385	85	39353	18.64	ug/l	100
3) Chloromethane	1.520	50	48160	17.62	ug/l	98
4) Vinyl Chloride	1.604	62	53337	19.54	ug/l	99
5) Bromomethane	1.832	94	22570	21.08	ug/l	99
6) Chloroethane	1.916	64	36965	17.63	ug/l	98
7) Trichlorofluoromethane	2.128	101	72819	20.20	ug/l	98
8) Diethyl Ether	2.379	74	33274	20.14	ug/l	90
9) 1,1,2-Trichlorotrifluo...	2.578	101	39221	19.13	ug/l	99
10) Methyl Iodide	2.719	142	42523	19.43	ug/l	97
11) Tert butyl alcohol	3.199	59	73656	90.45	ug/l	99
12) 1,1-Dichloroethene	2.578	96	39857	19.72	ug/l	94
13) Acrolein	2.485	56	13992	90.15	ug/l	95
14) Allyl chloride	2.922	41	70613	18.88	ug/l	94
15) Acrylonitrile	3.314	53	158525	96.52	ug/l	99
16) Acetone	2.629	43	138459	82.21	ug/l	99
17) Carbon Disulfide	2.793	76	109712	18.39	ug/l	100
18) Methyl Acetate	2.951	43	100203	20.36	ug/l	97
19) Methyl tert-butyl Ether	3.369	73	156114	20.01	ug/l	99
20) Methylene Chloride	3.047	84	51168	20.17	ug/l	96
21) trans-1,2-Dichloroethene	3.353	96	43546	19.70	ug/l	93
22) Diisopropyl ether	3.996	45	148710	19.48	ug/l	95
23) Vinyl Acetate	3.957	43	598632	96.40	ug/l	97
24) 1,1-Dichloroethane	3.874	63	87597	19.98	ug/l	100
25) 2-Butanone	4.703	43	217972	91.09	ug/l	97
26) 2,2-Dichloropropane	4.668	77	56807	15.33	ug/l	98
27) cis-1,2-Dichloroethene	4.668	96	52141	19.97	ug/l	95
28) Bromochloromethane	4.977	49	39156	21.55	ug/l	93
29) Tetrahydrofuran	5.054	42	138625	97.32	ug/l	94
30) Chloroform	5.092	83	87938	19.90	ug/l	99
31) Cyclohexane	5.391	56	81370	18.88	ug/l	94
32) 1,1,1-Trichloroethane	5.321	97	73055	20.04	ug/l	99
36) 1,1-Dichloropropene	5.530	75	64019	19.32	ug/l	99
37) Ethyl Acetate	4.806	43	81070	18.49	ug/l	96
38) Carbon Tetrachloride	5.526	117	55056	19.20	ug/l	99
39) Methylcyclohexane	6.768	83	75734	18.61	ug/l	95
40) Benzene	5.777	78	192178	19.47	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.977	41	43579	19.30	ug/l	96
42) 1,2-Dichloroethane	5.797	62	76315	19.67	ug/l	98
43) Isopropyl Acetate	5.915	43	126831	19.22	ug/l	99
44) Trichloroethene	6.546	130	46142	19.83	ug/l	98
45) 1,2-Dichloropropane	6.793	63	50345	19.24	ug/l	100
46) Dibromomethane	6.922	93	35089	19.90	ug/l	99
47) Bromodichloromethane	7.108	83	67880	19.83	ug/l	98
48) Methyl methacrylate	6.964	41	59631	18.57	ug/l	95
49) 1,4-Dioxane	6.967	88	29817	338.04	ug/l	94
51) 4-Methyl-2-Pentanone	7.796	43	446711	93.01	ug/l	98
52) Toluene	7.973	92	120624	19.52	ug/l	100
53) t-1,3-Dichloropropene	8.214	75	73390	18.75	ug/l	99
54) cis-1,3-Dichloropropene	7.610	75	77712	19.06	ug/l	98
55) 1,1,2-Trichloroethane	8.404	97	49733	19.32	ug/l	96
56) Ethyl methacrylate	8.337	69	85480	18.30	ug/l	98
57) 1,3-Dichloropropane	8.578	76	89934	19.58	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.465	63	129975	96.11	ug/l	97
59) 2-Hexanone	8.687	43	354872	90.73	ug/l	98
60) Dibromochloromethane	8.812	129	48210	19.07	ug/l	100
61) 1,2-Dibromoethane	8.925	107	53351	19.50	ug/l	99
64) Tetrachloroethene	8.555	164	42701	21.49	ug/l	97
65) Chlorobenzene	9.449	112	125454	19.66	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.539	131	43667	19.60	ug/l	99
67) Ethyl Benzene	9.574	91	234421	19.96	ug/l	100
68) m/p-Xylenes	9.697	106	179115	39.26	ug/l	99
69) o-Xylene	10.102	106	90103	19.90	ug/l	100
70) Styrene	10.118	104	147592	19.43	ug/l	100
71) Bromoform	10.295	173	36606	17.87	ug/l #	97
73) Isopropylbenzene	10.488	105	233122	21.02	ug/l	100
74) N-amyl acetate	10.324	43	108349	19.40	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.787	83	93523	19.49	ug/l	100
76) 1,2,3-Trichloropropane	10.828	75	81685m	18.80	ug/l	
77) Bromobenzene	10.787	156	53793	20.08	ug/l	99
78) n-propylbenzene	10.909	91	281214	20.80	ug/l	100
79) 2-Chlorotoluene	10.989	91	170099	20.08	ug/l	100
80) 1,3,5-Trimethylbenzene	11.092	105	199112	20.49	ug/l	100
81) trans-1,4-Dichloro-2-b...	10.549	75	26300	16.80	ug/l	99
82) 4-Chlorotoluene	11.099	91	194562	20.32	ug/l	100
83) tert-Butylbenzene	11.423	119	192193	20.34	ug/l	98
84) 1,2,4-Trimethylbenzene	11.472	105	201357	20.95	ug/l	99
85) sec-Butylbenzene	11.645	105	252825	20.77	ug/l	99
86) p-Isopropyltoluene	11.796	119	200898	20.52	ug/l	99
87) 1,3-Dichlorobenzene	11.748	146	102464	19.98	ug/l	99
88) 1,4-Dichlorobenzene	11.838	146	102568	19.55	ug/l	99
89) n-Butylbenzene	12.211	91	178942	19.84	ug/l	100
90) Hexachloroethane	12.478	117	33642	19.03	ug/l	98
91) 1,2-Dichlorobenzene	12.217	146	102369	19.52	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	13.002	75	21942	19.38	ug/l	97
93) 1,2,4-Trichlorobenzene	13.844	180	55855	19.12	ug/l	99
94) Hexachlorobutadiene	14.024	225	22235	18.23	ug/l	98
95) Naphthalene	14.089	128	214048	19.48	ug/l	100
96) 1,2,3-Trichlorobenzene	14.333	180	58048	19.78	ug/l	98

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

