

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021821\
 Data File : VU042350.D
 Acq On : 18 Feb 2021 14:43
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 2/19/2021 2:47:06 PM

Quant Time: Feb 19 03:12:15 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U021721W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 19 02:55:52 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.385	168	135669	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.257	114	209185	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.424	117	197433	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	110507	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.713	65	105033	51.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.10%	
35) Dibromofluoromethane	5.298	113	73076	49.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.98%	
50) Toluene-d8	7.906	98	262898	49.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.44%	
62) 4-Bromofluorobenzene	10.639	95	101581	48.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.48%	
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.389	85	81115	49.58	ug/l	97
3) Chloromethane	1.524	50	78879	47.20	ug/l	99
4) Vinyl Chloride	1.607	62	79713	49.83	ug/l	99
5) Bromomethane	1.861	94	48302	49.01	ug/l	95
6) Chloroethane	1.938	64	46699	50.68	ug/l	99
7) Trichlorofluoromethane	2.141	101	122985	50.11	ug/l	98
8) Diethyl Ether	2.382	74	39155	50.17	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.588	101	62955	49.13	ug/l	98
10) Methyl Iodide	2.729	142	92418	50.50	ug/l	99
11) Tert butyl alcohol	3.276	59	102691m	233.63	ug/l	
12) 1,1-Dichloroethene	2.585	96	60626	48.48	ug/l	98
13) Acrolein	2.495	56	55831	218.22	ug/l	100
14) Allyl chloride	2.932	41	138701	50.07	ug/l	99
15) Acrylonitrile	3.327	53	267107	251.62	ug/l	99
16) Acetone	2.649	43	269561	211.22	ug/l	98
17) Carbon Disulfide	2.800	76	181345	48.21	ug/l	99
18) Methyl Acetate	2.958	43	118865	51.29	ug/l	100
19) Methyl tert-butyl Ether	3.372	73	240208	50.72	ug/l	100
20) Methylene Chloride	3.054	84	70493	47.91	ug/l	99
21) trans-1,2-Dichloroethene	3.363	96	67218	50.13	ug/l	99
22) Diisopropyl ether	4.003	45	270553	51.43	ug/l	99
23) Vinyl Acetate	3.967	43	1290344	258.17	ug/l	100
24) 1,1-Dichloroethane	3.880	63	136960	50.17	ug/l	100
25) 2-Butanone	4.720	43	424636	250.25	ug/l	99
26) 2,2-Dichloropropane	4.675	77	122173	49.32	ug/l	98
27) cis-1,2-Dichloroethene	4.678	96	78745	50.70	ug/l	99
28) Bromochloromethane	4.983	49	72412	51.34	ug/l	98
29) Tetrahydrofuran	5.064	42	272266	258.11	ug/l	99
30) Chloroform	5.099	83	142309	51.27	ug/l	94
31) Cyclohexane	5.398	56	126929	47.11	ug/l	99
32) 1,1,1-Trichloroethane	5.327	97	128283	50.77	ug/l	99
36) 1,1-Dichloropropene	5.536	75	103461	50.02	ug/l	100
37) Ethyl Acetate	4.813	43	161233	50.14	ug/l	99
38) Carbon Tetrachloride	5.533	117	111272	50.33	ug/l	98
39) Methylcyclohexane	6.771	83	117635	49.17	ug/l	99
40) Benzene	5.784	78	292183	50.25	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.983	41	84228	50.83	ug/l	99
42) 1,2-Dichloroethane	5.803	62	126612	49.95	ug/l	99
43) Isopropyl Acetate	5.919	43	237212	50.19	ug/l	99
44) Trichloroethene	6.549	130	76847	49.63	ug/l	98
45) 1,2-Dichloropropane	6.800	63	80867	50.13	ug/l	98
46) Dibromomethane	6.925	93	57387	51.00	ug/l	99
47) Bromodichloromethane	7.115	83	113901	51.62	ug/l	98
48) Methyl methacrylate	6.967	41	119790	51.25	ug/l	99
49) 1,4-Dioxane	7.025	88	48090	1071.28	ug/l #	99
51) 4-Methyl-2-Pentanone	7.803	43	815552	254.99	ug/l	100
52) Toluene	7.977	92	181823	50.69	ug/l	100
53) t-1,3-Dichloropropene	8.218	75	122985	50.73	ug/l	100
54) cis-1,3-Dichloropropene	7.617	75	129276	50.16	ug/l	97
55) 1,1,2-Trichloroethane	8.408	97	74895	50.30	ug/l	99
56) Ethyl methacrylate	8.340	69	127900	50.11	ug/l	99
57) 1,3-Dichloropropane	8.584	76	132513	50.90	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.472	63	226868	225.31	ug/l	99
59) 2-Hexanone	8.697	43	662700	259.33	ug/l	100
60) Dibromochloromethane	8.816	129	89153	51.33	ug/l	100
61) 1,2-Dibromoethane	8.932	107	86193	50.89	ug/l	99
64) Tetrachloroethene	8.559	164	71212	47.86	ug/l	98
65) Chlorobenzene	9.456	112	194784	49.29	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.543	131	76892	51.00	ug/l	98
67) Ethyl Benzene	9.578	91	359657	50.53	ug/l	100
68) m/p-Xylenes	9.700	106	265407	100.81	ug/l	100
69) o-Xylene	10.108	106	131156	50.92	ug/l	99
70) Styrene	10.121	104	221248	51.57	ug/l	99
71) Bromoform	10.298	173	75603	52.03	ug/l #	99
73) Isopropylbenzene	10.491	105	355822	48.27	ug/l	99
74) N-amyl acetate	10.330	43	214155	50.87	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.790	83	139133	49.65	ug/l	98
76) 1,2,3-Trichloropropane	10.832	75	133373m	48.81	ug/l	
77) Bromobenzene	10.790	156	94330	47.82	ug/l	100
78) n-propylbenzene	10.912	91	414995	48.64	ug/l	100
79) 2-Chlorotoluene	10.993	91	250245	47.96	ug/l	100
80) 1,3,5-Trimethylbenzene	11.096	105	311801	49.24	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.555	75	47151	46.92	ug/l	98
82) 4-Chlorotoluene	11.102	91	296124	48.76	ug/l	99
83) tert-Butylbenzene	11.427	119	303057	49.45	ug/l	100
84) 1,2,4-Trimethylbenzene	11.475	105	313124	49.42	ug/l	99
85) sec-Butylbenzene	11.652	105	353742	49.00	ug/l	100
86) p-Isopropyltoluene	11.800	119	326977	49.06	ug/l	100
87) 1,3-Dichlorobenzene	11.755	146	166538	48.88	ug/l	100
88) 1,4-Dichlorobenzene	11.845	146	171485	49.18	ug/l	99
89) n-Butylbenzene	12.215	91	292641	49.98	ug/l	99
90) Hexachloroethane	12.485	117	58515	49.51	ug/l	97
91) 1,2-Dichlorobenzene	12.221	146	171059	49.31	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	13.006	75	40030	52.11	ug/l	97
93) 1,2,4-Trichlorobenzene	13.848	180	115038	47.52	ug/l	100
94) Hexachlorobutadiene	14.028	225	60870	50.29	ug/l	99
95) Naphthalene	14.092	128	353802	47.89	ug/l	100
96) 1,2,3-Trichlorobenzene	14.337	180	113652	47.99	ug/l	99

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

