

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042821\
 Data File : VU043373.D
 Acq On : 28 Apr 2021 03:07
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 4/29/2021 11:37:07 AM

Quant Time: Apr 28 09:16:23 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U041221W.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 12 13:17:29 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.382	168	95821	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	152191	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.424	117	143985	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	77018	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	83127	51.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.20%	
35) Dibromofluoromethane	5.295	113	57784	50.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.06%	
50) Toluene-d8	7.906	98	202414	50.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.04%	
62) 4-Bromofluorobenzene	10.639	95	75147	46.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.74%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.388	85	51276	51.87	ug/l	99
3) Chloromethane	1.524	50	57163	54.36	ug/l	99
4) Vinyl Chloride	1.607	62	54818	50.85	ug/l	99
5) Bromomethane	1.855	94	24088	41.00	ug/l	98
6) Chloroethane	1.929	64	35270	47.42	ug/l	99
7) Trichlorofluoromethane	2.141	101	87606	47.82	ug/l	99
8) Diethyl Ether	2.382	74	29954	51.07	ug/l	88
9) 1,1,2-Trichlorotrifluo...	2.585	101	49567	52.59	ug/l	96
10) Methyl Iodide	2.729	142	63571	51.18	ug/l	100
11) Tert butyl alcohol	3.202	59	111158	267.75	ug/l #	85
12) 1,1-Dichloroethene	2.585	96	47911	53.41	ug/l	98
13) Acrolein	2.491	56	67633	260.87	ug/l	99
14) Allyl chloride	2.929	41	117467	53.96	ug/l	96
15) Acrylonitrile	3.321	53	239527	268.22	ug/l	98
16) Acetone	2.636	43	246613	260.15	ug/l	99
17) Carbon Disulfide	2.800	76	128058	46.42	ug/l	100
18) Methyl Acetate	2.954	43	126134	62.64	ug/l	96
19) Methyl tert-butyl Ether	3.372	73	194695	54.93	ug/l	99
20) Methylene Chloride	3.054	84	60044	52.48	ug/l	97
21) trans-1,2-Dichloroethene	3.359	96	53915	51.45	ug/l	97
22) Diisopropyl ether	3.999	45	235440	56.54	ug/l	97
23) Vinyl Acetate	3.964	43	1103199	273.76	ug/l	99
24) 1,1-Dichloroethane	3.877	63	115983	55.08	ug/l	99
25) 2-Butanone	4.710	43	389880	266.44	ug/l	99
26) 2,2-Dichloropropane	4.675	77	77831	42.14	ug/l	100
27) cis-1,2-Dichloroethene	4.675	96	64168	53.82	ug/l	99
28) Bromochloromethane	4.983	49	57895	53.92	ug/l	94
29) Tetrahydrofuran	5.057	42	249453	270.73	ug/l	96
30) Chloroform	5.096	83	118758	53.26	ug/l	94
31) Cyclohexane	5.395	56	97048	48.84	ug/l	96
32) 1,1,1-Trichloroethane	5.324	97	101851	51.67	ug/l	98
36) 1,1-Dichloropropene	5.533	75	80721	50.00	ug/l	99
37) Ethyl Acetate	4.810	43	141087	51.10	ug/l	98
38) Carbon Tetrachloride	5.533	117	84688	48.92	ug/l	96
39) Methylcyclohexane	6.771	83	81940	46.16	ug/l	97
40) Benzene	5.784	78	239177	51.84	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.980	41	76231	52.52	ug/l	98
42) 1,2-Dichloroethane	5.803	62	105375	51.49	ug/l	100
43) Isopropyl Acetate	5.919	43	205093	52.09	ug/l	97
44) Trichloroethene	6.549	130	61323	52.41	ug/l	99
45) 1,2-Dichloropropane	6.800	63	69734	54.25	ug/l	99
46) Dibromomethane	6.925	93	46479	51.13	ug/l	96
47) Bromodichloromethane	7.112	83	94204	52.50	ug/l	97
48) Methyl methacrylate	6.967	41	104270	52.75	ug/l	95
49) 1,4-Dioxane	6.990	88	42181	1065.08	ug/l #	96
51) 4-Methyl-2-Pentanone	7.800	43	737695	253.25	ug/l	98
52) Toluene	7.977	92	146334	51.16	ug/l	99
53) t-1,3-Dichloropropene	8.218	75	96054	48.21	ug/l	99
54) cis-1,3-Dichloropropene	7.613	75	101811	50.32	ug/l	95
55) 1,1,2-Trichloroethane	8.407	97	63449	51.71	ug/l	97
56) Ethyl methacrylate	8.340	69	98830	49.18	ug/l	96
57) 1,3-Dichloropropane	8.581	76	109298	51.57	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.472	63	132646	161.46	ug/l	100
59) 2-Hexanone	8.694	43	594022	247.65	ug/l	99
60) Dibromochloromethane	8.816	129	70888	49.96	ug/l	100
61) 1,2-Dibromoethane	8.928	107	68988	49.85	ug/l	100
64) Tetrachloroethene	8.559	164	59069	56.54	ug/l	95
65) Chlorobenzene	9.452	112	152292	49.32	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.539	131	61178	51.83	ug/l	100
67) Ethyl Benzene	9.578	91	283696	50.91	ug/l	100
68) m/p-Xylenes	9.700	106	207653	100.71	ug/l	100
69) o-Xylene	10.105	106	98932	49.16	ug/l	97
70) Styrene	10.121	104	168928	49.85	ug/l	99
71) Bromoform	10.298	173	56100	46.12	ug/l #	96
73) Isopropylbenzene	10.491	105	273102	52.83	ug/l	99
74) N-amyl acetate	10.327	43	166256	50.06	ug/l	97
75) 1,1,2,2-Tetrachloroethane	10.790	83	115599	51.36	ug/l	99
76) 1,2,3-Trichloropropane	10.832	75	104422m	46.40	ug/l	
77) Bromobenzene	10.787	156	71702	49.79	ug/l	97
78) n-propylbenzene	10.912	91	320644	51.81	ug/l	99
79) 2-Chlorotoluene	10.993	91	193642	51.49	ug/l	100
80) 1,3,5-Trimethylbenzene	11.092	105	234896	51.48	ug/l	98
81) trans-1,4-Dichloro-2-b...	10.552	75	33098	43.21	ug/l	96
82) 4-Chlorotoluene	11.102	91	228046	50.47	ug/l	99
83) tert-Butylbenzene	11.427	119	224071	49.95	ug/l	98
84) 1,2,4-Trimethylbenzene	11.472	105	236886	50.52	ug/l	99
85) sec-Butylbenzene	11.648	105	261570	49.75	ug/l	99
86) p-Isopropyltoluene	11.800	119	238500	49.28	ug/l	99
87) 1,3-Dichlorobenzene	11.751	146	127040	48.66	ug/l	99
88) 1,4-Dichlorobenzene	11.841	146	128960	47.36	ug/l	99
89) n-Butylbenzene	12.214	91	212613	46.90	ug/l	98
90) Hexachloroethane	12.481	117	37797	41.66	ug/l	97
91) 1,2-Dichlorobenzene	12.218	146	130642	48.97	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	13.002	75	32167	50.48	ug/l	92
93) 1,2,4-Trichlorobenzene	13.848	180	90800	51.44	ug/l	99
94) Hexachlorobutadiene	14.028	225	40369	45.69	ug/l	98
95) Naphthalene	14.092	128	321869	57.35	ug/l	100
96) 1,2,3-Trichlorobenzene	14.336	180	93873	54.76	ug/l	99

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

