

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041421\
 Data File : VU043083.D
 Acq On : 14 Apr 2021 10:21
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 4/15/2021 5:36:46 PM

Quant Time: Apr 15 02:00:04 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	124111	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.259	114	194732	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.427	117	190231	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	104390	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	99027	47.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.92%	
35) Dibromofluoromethane	5.298	113	66120	45.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.38%	
50) Toluene-d8	7.906	98	249417	48.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.34%	
62) 4-Bromofluorobenzene	10.642	95	99218	47.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.70%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.388	85	60939	47.59	ug/l	96
3) Chloromethane	1.523	50	67444	49.41	ug/l	99
4) Vinyl Chloride	1.607	62	68023	48.72	ug/l	99
5) Bromomethane	1.851	94	32521	42.74	ug/l	100
6) Chloroethane	1.928	64	44340	46.03	ug/l	99
7) Trichlorofluoromethane	2.137	101	113415	47.80	ug/l	99
8) Diethyl Ether	2.382	74	37851	49.82	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.584	101	60977	49.94	ug/l	97
10) Methyl Iodide	2.729	142	72472	45.05	ug/l	99
11) Tert butyl alcohol	3.198	59	121477m	225.91	ug/l	
12) 1,1-Dichloroethene	2.584	96	56195	48.36	ug/l	98
13) Acrolein	2.491	56	82216	245.47	ug/l	100
14) Allyl chloride	2.928	41	134423	47.68	ug/l	98
15) Acrylonitrile	3.321	53	273475	236.43	ug/l	99
16) Acetone	2.633	43	297172	242.01	ug/l	98
17) Carbon Disulfide	2.797	76	161322	45.14	ug/l	99
18) Methyl Acetate	2.954	43	127672	48.95	ug/l	97
19) Methyl tert-butyl Ether	3.372	73	246898	53.78	ug/l	97
20) Methylene Chloride	3.054	84	70292	47.44	ug/l	98
21) trans-1,2-Dichloroethene	3.359	96	65422	48.20	ug/l	97
22) Diisopropyl ether	3.999	45	290635	53.89	ug/l	93
23) Vinyl Acetate	3.964	43	1409143	269.98	ug/l	99
24) 1,1-Dichloroethane	3.877	63	133313	48.88	ug/l	100
25) 2-Butanone	4.710	43	469496	247.71	ug/l	100
26) 2,2-Dichloropropane	4.674	77	124116	51.88	ug/l	98
27) cis-1,2-Dichloroethene	4.674	96	77865	50.42	ug/l	96
28) Bromochloromethane	4.983	49	69699	50.11	ug/l	92
29) Tetrahydrofuran	5.057	42	294005	246.35	ug/l	97
30) Chloroform	5.099	83	143556	49.70	ug/l	94
31) Cyclohexane	5.395	56	126094	48.99	ug/l	96
32) 1,1,1-Trichloroethane	5.324	97	124650	48.82	ug/l	98
36) 1,1-Dichloropropene	5.536	75	101522	49.14	ug/l	100
37) Ethyl Acetate	4.809	43	170632	48.30	ug/l	99
38) Carbon Tetrachloride	5.533	117	109838	49.59	ug/l	99
39) Methylcyclohexane	6.771	83	114596	50.45	ug/l	98
40) Benzene	5.784	78	293622	49.74	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041421\
 Data File : VU043083.D
 Acq On : 14 Apr 2021 10:21
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 4/15/2021 5:36:46 PM

Quant Time: Apr 15 02:00:04 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)
41) Methacrylonitrile	4.980	41	93979	50.60	ug/l	97
42) 1,2-Dichloroethane	5.803	62	137616	52.56	ug/l	99
43) Isopropyl Acetate	5.919	43	263279	52.26	ug/l	98
44) Trichloroethene	6.549	130	74322	49.64	ug/l	95
45) 1,2-Dichloropropane	6.800	63	83930	51.03	ug/l	98
46) Dibromomethane	6.928	93	59098	50.81	ug/l	96
47) Bromodichloromethane	7.115	83	115995	50.52	ug/l	98
48) Methyl methacrylate	6.967	41	128621	50.86	ug/l	97
49) 1,4-Dioxane	6.986	88	48895	964.90	ug/l #	99
51) 4-Methyl-2-Pentanone	7.800	43	898169	240.98	ug/l	99
52) Toluene	7.976	92	189022	51.65	ug/l	98
53) t-1,3-Dichloropropene	8.218	75	134491	52.75	ug/l	100
54) cis-1,3-Dichloropropene	7.616	75	133885	51.72	ug/l	92
55) 1,1,2-Trichloroethane	8.410	97	81866	52.15	ug/l	96
56) Ethyl methacrylate	8.343	69	138690	53.94	ug/l	96
57) 1,3-Dichloropropane	8.584	76	141082	52.02	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.472	63	260990	244.36	ug/l	100
59) 2-Hexanone	8.693	43	732128	238.55	ug/l	99
60) Dibromochloromethane	8.819	129	96420	53.11	ug/l	99
61) 1,2-Dibromoethane	8.931	107	91716	51.80	ug/l	98
64) Tetrachloroethene	8.562	164	68118	49.35	ug/l	98
65) Chlorobenzene	9.455	112	203672	49.93	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.542	131	81120	52.02	ug/l	100
67) Ethyl Benzene	9.578	91	379754	51.58	ug/l	99
68) m/p-Xylenes	9.700	106	281510	103.34	ug/l	100
69) o-Xylene	10.108	106	134597	50.62	ug/l	97
70) Styrene	10.121	104	231652	51.74	ug/l	100
71) Bromoform	10.298	173	79616	49.55	ug/l #	100
73) Isopropylbenzene	10.491	105	374916	53.51	ug/l	99
74) N-amyl acetate	10.327	43	238084	52.89	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.790	83	150613	49.37	ug/l	99
76) 1,2,3-Trichloropropane	10.835	75	150885m	49.46	ug/l	
77) Bromobenzene	10.790	156	97393	49.90	ug/l	97
78) n-propylbenzene	10.912	91	452098	53.89	ug/l	99
79) 2-Chlorotoluene	10.992	91	261344	51.27	ug/l	99
80) 1,3,5-Trimethylbenzene	11.095	105	329214	53.23	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.555	75	50724	48.86	ug/l	94
82) 4-Chlorotoluene	11.105	91	315585	51.53	ug/l	99
83) tert-Butylbenzene	11.430	119	315777	51.93	ug/l	99
84) 1,2,4-Trimethylbenzene	11.475	105	331875	52.22	ug/l	99
85) sec-Butylbenzene	11.652	105	371125	52.08	ug/l	99
86) p-Isopropyltoluene	11.803	119	345453	52.66	ug/l	100
87) 1,3-Dichlorobenzene	11.754	146	176511	49.89	ug/l	99
88) 1,4-Dichlorobenzene	11.844	146	178252	48.30	ug/l	99
89) n-Butylbenzene	12.217	91	324683	52.85	ug/l	98
90) Hexachloroethane	12.484	117	60234	48.98	ug/l	100
91) 1,2-Dichlorobenzene	12.221	146	179338	49.60	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	13.005	75	44350	51.35	ug/l	95
93) 1,2,4-Trichlorobenzene	13.848	180	128122	53.49	ug/l	99
94) Hexachlorobutadiene	14.031	225	62634	52.39	ug/l	99
95) Naphthalene	14.095	128	402503	53.12	ug/l	99
96) 1,2,3-Trichlorobenzene	14.339	180	124057	53.42	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041421\
Data File : VU043083.D
Acq On : 14 Apr 2021 10:21
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda
4/15/2021 5:36:46 PM

Quant Time: Apr 15 02:00:04 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)
----------	------	------	----------	------	-------	----------

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

