

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042821\
 Data File : VU043372.D
 Acq On : 28 Apr 2021 02:44
 Operator : SY/MD
 Sample : M2133-06MSD
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 SA-SW204-20210420MSD

Manual Integrations
 APPROVED

MMDadoda
 4/29/2021 11:37:01 AM

Quant Time: Apr 28 09:15:45 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	91558	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	148155	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	136527	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	75531	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	80562	52.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.68%	
35) Dibromofluoromethane	5.298	113	56403	50.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.32%	
50) Toluene-d8	7.902	98	193760	49.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.38%	
62) 4-Bromofluorobenzene	10.639	95	72873	46.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.40%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.388	85	47568	50.35	ug/l	100
3) Chloromethane	1.523	50	53902	53.63	ug/l	97
4) Vinyl Chloride	1.607	62	52255	50.73	ug/l	99
5) Bromomethane	1.861	94	30652	54.60	ug/l	100
6) Chloroethane	1.932	64	31367	44.14	ug/l	95
7) Trichlorofluoromethane	2.141	101	84711	48.40	ug/l	99
8) Diethyl Ether	2.382	74	29885	53.32	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.588	101	47918	53.20	ug/l	96
10) Methyl Iodide	2.729	142	61162	51.53	ug/l	99
11) Tert butyl alcohol	3.221	59	109254	275.41	ug/l #	78
12) 1,1-Dichloroethene	2.584	96	45071	52.58	ug/l	96
13) Acrolein	2.494	56	62852	254.00	ug/l	97
14) Allyl chloride	2.928	41	114258	54.93	ug/l	95
15) Acrylonitrile	3.324	53	235106	275.53	ug/l	100
16) Acetone	2.642	43	246457	272.11	ug/l	100
17) Carbon Disulfide	2.800	76	122209	46.36	ug/l	98
18) Methyl Acetate	2.957	43	107363	55.80	ug/l	97
19) Methyl tert-butyl Ether	3.372	73	185523	54.78	ug/l	99
20) Methylene Chloride	3.054	84	57277	52.40	ug/l	98
21) trans-1,2-Dichloroethene	3.359	96	51273	51.21	ug/l	97
22) Diisopropyl ether	4.002	45	220969	55.54	ug/l	89
23) Vinyl Acetate	3.964	43	937804	243.55	ug/l	100
24) 1,1-Dichloroethane	3.880	63	110962	55.15	ug/l	99
25) 2-Butanone	4.713	43	381061	272.54	ug/l	99
26) 2,2-Dichloropropane	4.674	77	77590	43.97	ug/l	99
27) cis-1,2-Dichloroethene	4.677	96	61034	53.57	ug/l	98
28) Bromochloromethane	4.983	49	57168	55.72	ug/l	92
29) Tetrahydrofuran	5.060	42	240153	272.77	ug/l	95
30) Chloroform	5.099	83	113140	53.10	ug/l	94
31) Cyclohexane	5.398	56	92043	48.48	ug/l	94
32) 1,1,1-Trichloroethane	5.327	97	96859	51.42	ug/l	98
36) 1,1-Dichloropropene	5.533	75	76399	48.61	ug/l	99
37) Ethyl Acetate	4.813	43	124155	46.19	ug/l	97
38) Carbon Tetrachloride	5.533	117	81815	48.55	ug/l	99
39) Methylcyclohexane	6.771	83	76848	44.47	ug/l	95
40) Benzene	5.780	78	227134	50.57	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042821\
 Data File : VU043372.D
 Acq On : 28 Apr 2021 02:44
 Operator : SY/MD
 Sample : M2133-06MSD
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 SA-SW204-20210420MSD

Manual Integrations
 APPROVED

MMDadoda
 4/29/2021 11:37:01 AM

Quant Time: Apr 28 09:15:45 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	74240	52.54	ug/l	97
42) 1,2-Dichloroethane	5.803	62	100820	50.61	ug/l	99
43) Isopropyl Acetate	5.919	43	180956	47.21	ug/l	98
44) Trichloroethene	6.549	130	57810	50.75	ug/l	93
45) 1,2-Dichloropropane	6.800	63	65804	52.59	ug/l	96
46) Dibromomethane	6.925	93	44104	49.84	ug/l	96
47) Bromodichloromethane	7.111	83	88904	50.90	ug/l	98
48) Methyl methacrylate	6.967	41	97757	50.80	ug/l	97
49) 1,4-Dioxane	7.002	88	36718	952.39	ug/l #	93
51) 4-Methyl-2-Pentanone	7.800	43	711298	250.84	ug/l	98
52) Toluene	7.976	92	136565	49.05	ug/l	97
53) t-1,3-Dichloropropene	8.218	75	91240	47.04	ug/l	99
54) cis-1,3-Dichloropropene	7.613	75	94567	48.01	ug/l	95
55) 1,1,2-Trichloroethane	8.407	97	60845	50.94	ug/l	99
56) Ethyl methacrylate	8.340	69	92519	47.29	ug/l	95
57) 1,3-Dichloropropane	8.581	76	104225	50.51	ug/l	99
59) 2-Hexanone	8.693	43	584243	250.21	ug/l	98
60) Dibromochloromethane	8.816	129	68732	49.76	ug/l	99
61) 1,2-Dibromoethane	8.931	107	66323	49.23	ug/l	98
64) Tetrachloroethene	8.558	164	55123	55.65	ug/l	98
65) Chlorobenzene	9.452	112	145112	49.56	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.539	131	58027	51.84	ug/l	99
67) Ethyl Benzene	9.578	91	267015	50.53	ug/l	99
68) m/p-Xylenes	9.700	106	195658	100.08	ug/l	100
69) o-Xylene	10.108	106	93249	48.87	ug/l	97
70) Styrene	10.121	104	158237	49.25	ug/l	100
71) Bromoform	10.298	173	53906	46.74	ug/l #	97
73) Isopropylbenzene	10.491	105	257830	50.86	ug/l	99
74) N-amyl acetate	10.327	43	145181	44.58	ug/l	97
75) 1,1,2,2-Tetrachloroethane	10.790	83	112317	50.88	ug/l	99
76) 1,2,3-Trichloropropane	10.832	75	106642m	48.32	ug/l	
77) Bromobenzene	10.787	156	68115	48.23	ug/l	97
78) n-propylbenzene	10.912	91	304248	50.13	ug/l	99
79) 2-Chlorotoluene	10.992	91	183926	49.87	ug/l	99
80) 1,3,5-Trimethylbenzene	11.095	105	221323	49.46	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.552	75	31452	41.87	ug/l	94
82) 4-Chlorotoluene	11.102	91	217535	49.09	ug/l	98
83) tert-Butylbenzene	11.426	119	212103	48.21	ug/l	99
84) 1,2,4-Trimethylbenzene	11.475	105	225819	49.11	ug/l	99
85) sec-Butylbenzene	11.648	105	247207	47.95	ug/l	98
86) p-Isopropyltoluene	11.799	119	225845	47.58	ug/l	99
87) 1,3-Dichlorobenzene	11.751	146	121146	47.32	ug/l	99
88) 1,4-Dichlorobenzene	11.841	146	124194	46.51	ug/l	98
89) n-Butylbenzene	12.214	91	198727	44.70	ug/l	98
90) Hexachloroethane	12.481	117	37346	41.97	ug/l	95
91) 1,2-Dichlorobenzene	12.217	146	127050	48.57	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	13.002	75	29860	47.78	ug/l	93
93) 1,2,4-Trichlorobenzene	13.848	180	82989	48.04	ug/l	99
94) Hexachlorobutadiene	14.028	225	36849	42.49	ug/l	99
95) Naphthalene	14.092	128	296218	53.98	ug/l	100
96) 1,2,3-Trichlorobenzene	14.336	180	87502	52.12	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042821\
Data File : VU043372.D
Acq On : 28 Apr 2021 02:44
Operator : SY/MD
Sample : M2133-06MSD
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
SA-SW204-20210420MSD

Manual Integrations
APPROVED

MMDadoda
4/29/2021 11:37:01 AM

Quant Time: Apr 28 09:15:45 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						

