

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU011519\
 Data File : VU029177.D
 Acq On : 15 Jan 2019 11:53
 Operator : JC/SP
 Sample : VU0115WBSD01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0115WBSD01

Manual Integrations
 APPROVED

MMDadoda
 1/16/2019 9:42:04 AM

Quant Time: Jan 16 05:48:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U010319W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 12 01:33:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	116277	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	191545	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	180049	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	85532	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	75923	52.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.64%	
35) Dibromofluoromethane	4.88	113	64483	51.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.86%	
50) Toluene-d8	7.56	98	247431	50.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.96%	
62) 4-Bromofluorobenzene	10.30	95	86696	49.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.42%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.21	85	22165	19.222	ug/l	100
3) Chloromethane	1.33	50	33995	18.024	ug/l	97
4) Vinyl Chloride	1.40	62	34489	20.296	ug/l	99
5) Bromomethane	1.62	94	19812	20.910	ug/l	99
6) Chloroethane	1.69	64	20396	20.150	ug/l	98
7) Trichlorofluoromethane	1.88	101	37820	20.425	ug/l	99
8) Diethyl Ether	2.10	74	18268	20.535	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	2.28	101	24741	19.969	ug/l	99
10) Methyl Iodide	2.41	142	25605	21.979	ug/l	100
11) Tert butyl alcohol	2.83	59	41899	114.676	ug/l	98
12) 1,1-Dichloroethene	2.28	96	24303	20.152	ug/l	100
13) Acrolein	2.19	56	25372	92.479	ug/l	99
14) Allyl chloride	2.59	41	42103	19.028	ug/l	92
15) Acrylonitrile	2.93	53	99790	111.326	ug/l	99
16) Acetone	2.32	43	88288	97.501	ug/l	99
17) Carbon Disulfide	2.48	76	74424	18.283	ug/l	100
18) Methyl Acetate	2.61	43	49491	23.506	ug/l	99
19) Methyl tert-butyl Ether	3.00	73	89627	21.139	ug/l	99
20) Methylene Chloride	2.70	84	30330	19.728	ug/l	97
21) trans-1,2-Dichloroethene	2.98	96	27858	19.883	ug/l	99
22) Diisopropyl ether	3.57	45	95346	21.802	ug/l	96
23) Vinyl Acetate	3.52	43	381965	106.840	ug/l	100
24) 1,1-Dichloroethane	3.44	63	53839	21.326	ug/l	99
25) 2-Butanone	4.26	43	136170	111.338	ug/l	99
26) 2,2-Dichloropropane	4.22	77	43240	21.197	ug/l	100
27) cis-1,2-Dichloroethene	4.22	96	32307	21.082	ug/l	99
28) Bromochloromethane	4.55	49	25040	23.164	ug/l	99
29) Tetrahydrofuran	4.64	42	86406	116.484	ug/l	97
30) Chloroform	4.67	83	51971	21.614	ug/l	100
31) Cyclohexane	4.99	56	50214	20.406	ug/l	98
32) 1,1,1-Trichloroethane	4.91	97	42627	21.455	ug/l	99
36) 1,1-Dichloropropene	5.13	75	38454	20.085	ug/l	99
37) Ethyl Acetate	4.38	43	46823	22.280	ug/l	99
38) Carbon Tetrachloride	5.13	117	32784	20.530	ug/l	95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU011519\
 Data File : VU029177.D
 Acq On : 15 Jan 2019 11:53
 Operator : JC/SP
 Sample : VU0115WBSD01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 Client Sampled :
 VU0115WBSD01

Manual Integrations
 APPROVED

MMDadoda
 1/16/2019 9:42:04 AM

Quant Time: Jan 16 05:48:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U010319W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 12 01:33:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.41	83	45515	19.337	ug/l	98
40) Benzene	5.39	78	124610	20.865	ug/l	100
41) Methacrylonitrile	4.54	41	25911	23.033	ug/l	97
42) 1,2-Dichloroethane	5.40	62	39866	22.215	ug/l	100
43) Isopropyl Acetate	5.55	43	72220	22.402	ug/l	99
44) Trichloroethene	6.18	130	29528	19.955	ug/l	99
45) 1,2-Dichloropropane	6.43	63	33766	21.410	ug/l	99
46) Dibromomethane	6.56	93	21271	21.098	ug/l	99
47) Bromodichloromethane	6.76	83	40472	21.803	ug/l	98
48) Methyl methacrylate	6.62	41	34910	22.239	ug/l	98
49) 1,4-Dioxane	6.61	88	17844	479.672	ug/l	99
51) 4-Methyl-2-Pentanone	7.46	43	245507	111.901	ug/l	99
52) Toluene	7.64	92	75717	20.826	ug/l	99
53) t-1,3-Dichloropropene	7.88	75	46231	20.733	ug/l	99
54) cis-1,3-Dichloropropene	7.27	75	50070	20.781	ug/l	98
55) 1,1,2-Trichloroethane	8.06	97	31728	21.784	ug/l	98
56) Ethyl methacrylate	8.02	69	46393	20.675	ug/l	97
57) 1,3-Dichloropropane	8.24	76	53562	21.492	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.13	63	91332	92.552	ug/l	99
59) 2-Hexanone	8.36	43	189991	110.320	ug/l	98
60) Dibromochloromethane	8.48	129	29740	20.610	ug/l	96
61) 1,2-Dibromoethane	8.58	107	32926	20.844	ug/l	97
64) Tetrachloroethene	8.22	164	27006	20.822	ug/l	94
65) Chlorobenzene	9.12	112	82087	20.339	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.21	131	27905	21.306	ug/l	98
67) Ethyl Benzene	9.25	91	138417	20.542	ug/l	99
68) m/p-Xylenes	9.37	106	105515	40.302	ug/l	98
69) o-Xylene	9.78	106	52275	20.723	ug/l	100
70) Styrene	9.79	104	83339	20.152	ug/l	99
71) Bromoform	9.95	173	23702	20.324	ug/l #	97
73) Isopropylbenzene	10.16	105	136246	21.521	ug/l	100
74) N-amyl acetate	10.01	43	58212	21.338	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.45	83	54643	21.536	ug/l	100
76) 1,2,3-Trichloropropane	10.49	75	46773m	22.319	ug/l	
77) Bromobenzene	10.45	156	34470	20.893	ug/l	98
78) n-propylbenzene	10.58	91	161485	21.644	ug/l	99
79) 2-Chlorotoluene	10.66	91	96461	21.313	ug/l	100
80) 1,3,5-Trimethylbenzene	10.77	105	113398	21.449	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.51	75	14768m	18.174	ug/l	
82) 4-Chlorotoluene	10.77	91	108894	20.983	ug/l	99
83) tert-Butylbenzene	11.10	119	109012	20.920	ug/l	99
84) 1,2,4-Trimethylbenzene	11.14	105	112923	21.394	ug/l	100
85) sec-Butylbenzene	11.32	105	138319	21.949	ug/l	100
86) p-Isopropyltoluene	11.47	119	116419	21.679	ug/l	99
87) 1,3-Dichlorobenzene	11.41	146	62302	20.588	ug/l	99
88) 1,4-Dichlorobenzene	11.50	146	63442	20.310	ug/l	99
89) n-Butylbenzene	11.89	91	104621	21.828	ug/l	98
90) Hexachloroethane	12.14	117	18409	20.378	ug/l	100
91) 1,2-Dichlorobenzene	11.88	146	62560	20.525	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.65	75	11349	23.255	ug/l	96

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU011519\
Data File : VU029177.D
Acq On : 15 Jan 2019 11:53
Operator : JC/SP
Sample : VU0115WBSD01
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VU0115WBSD01

Manual Integrations
APPROVED

MMDadoda
1/16/2019 9:42:04 AM

Quant Time: Jan 16 05:48:40 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U010319W.M
Quant Title : SW846 8260
QLast Update : Sat Jan 12 01:33:59 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.50	180	39611	20.358	ug/l	99
94) Hexachlorobutadiene	13.69	225	19095	21.456	ug/l	97
95) Naphthalene	13.74	128	132770	20.059	ug/l	99
96) 1,2,3-Trichlorobenzene	13.98	180	40918	20.887	ug/l	100

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

