

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082819\
 Data File : VU033983.D
 Acq On : 27 Aug 2019 19:29
 Operator : JC/SP
 Sample : VU0828WBSD01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0828WBSD01

Manual Integrations
 APPROVED

MMDadoda
 8/28/2019 9:58:08 AM

Quant Time: Aug 28 04:30:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U082819W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 28 02:42:03 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.96	168	329486	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.86	114	503170	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	477898	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.47	152	254318	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.29	65	181853	49.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.36%	
35) Dibromofluoromethane	4.86	113	164254	48.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.12%	
50) Toluene-d8	7.55	98	632756	50.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.44%	
62) 4-Bromofluorobenzene	10.29	95	225828	47.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.38%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	67976	20.512	ug/l	98
3) Chloromethane	1.32	50	74467	21.282	ug/l	99
4) Vinyl Chloride	1.40	62	66449	20.084	ug/l	99
5) Bromomethane	1.61	94	43242	21.504	ug/l	99
6) Chloroethane	1.69	64	37701	19.139	ug/l	95
7) Trichlorofluoromethane	1.87	101	86810	19.941	ug/l	99
8) Diethyl Ether	2.09	74	32181	19.489	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.27	101	55403	19.928	ug/l	97
10) Methyl Iodide	2.40	142	84346	20.258	ug/l	99
11) Tert butyl alcohol	2.81	59	90806	95.776	ug/l #	87
12) 1,1-Dichloroethene	2.27	96	56842	19.588	ug/l	96
13) Acrolein	2.18	56	27581	91.602	ug/l	96
14) Allyl chloride	2.58	41	99142m	19.296	ug/l	
15) Acrylonitrile	2.92	53	193241	100.822	ug/l	98
16) Acetone	2.31	43	149554	85.356	ug/l	100
17) Carbon Disulfide	2.46	76	181644	19.062	ug/l	99
18) Methyl Acetate	2.60	43	85033	19.704	ug/l	100
19) Methyl tert-butyl Ether	2.98	73	198268	20.339	ug/l	99
20) Methylene Chloride	2.68	84	70662	19.009	ug/l	97
21) trans-1,2-Dichloroethene	2.96	96	66690	20.157	ug/l	97
22) Diisopropyl ether	3.55	45	192089	20.348	ug/l	100
23) Vinyl Acetate	3.50	43	817007	101.871	ug/l	100
24) 1,1-Dichloroethane	3.42	63	117660	19.907	ug/l	99
25) 2-Butanone	4.24	43	242469	96.541	ug/l	100
26) 2,2-Dichloropropane	4.20	77	91701	18.349	ug/l	99
27) cis-1,2-Dichloroethene	4.20	96	75675	20.433	ug/l	96
28) Bromochloromethane	4.52	49	55968	20.581	ug/l	97
29) Tetrahydrofuran	4.61	42	155692	99.109	ug/l	98
30) Chloroform	4.65	83	120209	19.862	ug/l	97
31) Cyclohexane	4.97	56	106273	19.690	ug/l	96
32) 1,1,1-Trichloroethane	4.89	97	102717	20.160	ug/l	99
36) 1,1-Dichloropropene	5.11	75	87046	18.888	ug/l	99
37) Ethyl Acetate	4.36	43	88043	19.047	ug/l	98
38) Carbon Tetrachloride	5.11	117	92171	19.625	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082819\
 Data File : VU033983.D
 Acq On : 27 Aug 2019 19:29
 Operator : JC/SP
 Sample : VU0828WBSD01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleID :
 VU0828WBSD01

Manual Integrations
 APPROVED

MMDadoda
 8/28/2019 9:58:08 AM

Quant Time: Aug 28 04:30:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U082819W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 28 02:42:03 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.40	83	103295	18.942	ug/l	97
40) Benzene	5.37	78	267605	19.530	ug/l	99
41) Methacrylonitrile	4.52	41	48120	20.090	ug/l	99
42) 1,2-Dichloroethane	5.38	62	89850	19.391	ug/l	100
43) Isopropyl Acetate	5.53	43	137321	19.375	ug/l	100
44) Trichloroethene	6.17	130	75391	19.297	ug/l	97
45) 1,2-Dichloropropane	6.41	63	70984	19.364	ug/l	92
46) Dibromomethane	6.54	93	48325	19.384	ug/l	99
47) Bromodichloromethane	6.74	83	92941	19.573	ug/l	98
48) Methyl methacrylate	6.60	41	64982	19.284	ug/l	99
49) 1,4-Dioxane	6.59	88	37400	404.408	ug/l #	98
51) 4-Methyl-2-Pentanone	7.44	43	470996	96.384	ug/l	99
52) Toluene	7.62	92	174437	20.189	ug/l	99
53) t-1,3-Dichloropropene	7.86	75	99436	18.936	ug/l	100
54) cis-1,3-Dichloropropene	7.25	75	111277	19.604	ug/l	98
55) 1,1,2-Trichloroethane	8.05	97	69351	18.996	ug/l	99
56) Ethyl methacrylate	8.00	69	102909	19.496	ug/l	99
57) 1,3-Dichloropropane	8.22	76	116517	19.584	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.11	63	178005	93.982	ug/l	98
59) 2-Hexanone	8.34	43	358747	95.511	ug/l	100
60) Dibromochloromethane	8.46	129	80125	19.517	ug/l	99
61) 1,2-Dibromoethane	8.57	107	76252	19.777	ug/l	99
64) Tetrachloroethene	8.21	164	77832	20.256	ug/l	98
65) Chlorobenzene	9.10	112	195508	19.867	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.19	131	71649	19.528	ug/l	99
67) Ethyl Benzene	9.23	91	323090	19.691	ug/l	100
68) m/p-Xylenes	9.36	106	254328	40.191	ug/l	100
69) o-Xylene	9.76	106	124297	20.546	ug/l	99
70) Styrene	9.77	104	211104	20.388	ug/l	99
71) Bromoform	9.94	173	64225	19.775	ug/l #	99
73) Isopropylbenzene	10.15	105	330432	20.188	ug/l	99
74) N-amyl acetate	10.00	43	120952	19.686	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.44	83	114165	19.366	ug/l	98
76) 1,2,3-Trichloropropane	10.48	75	99727m	19.681	ug/l	
77) Bromobenzene	10.43	156	89757	19.406	ug/l	98
78) n-propylbenzene	10.57	91	370499	19.960	ug/l	100
79) 2-Chlorotoluene	10.64	91	227709	20.330	ug/l	99
80) 1,3,5-Trimethylbenzene	10.76	105	288897	20.609	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.49	75	28324m	16.010	ug/l	
82) 4-Chlorotoluene	10.76	91	257924	19.892	ug/l	99
83) tert-Butylbenzene	11.08	119	273353	20.088	ug/l	100
84) 1,2,4-Trimethylbenzene	11.13	105	284319	20.659	ug/l	100
85) sec-Butylbenzene	11.31	105	323376	19.911	ug/l	99
86) p-Isopropyltoluene	11.46	119	308096	20.268	ug/l	99
87) 1,3-Dichlorobenzene	11.40	146	158860	19.361	ug/l	100
88) 1,4-Dichlorobenzene	11.49	146	159399	19.248	ug/l	99
89) n-Butylbenzene	11.87	91	246578	19.408	ug/l	98
90) Hexachloroethane	12.13	117	47807	19.014	ug/l	100
91) 1,2-Dichlorobenzene	11.86	146	157408	19.489	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.64	75	23460	19.867	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082819\
Data File : VU033983.D
Acq On : 27 Aug 2019 19:29
Operator : JC/SP
Sample : VU0828WBSD01
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VU0828WBSD01

Manual Integrations
APPROVED

MMDadoda
8/28/2019 9:58:08 AM

Quant Time: Aug 28 04:30:31 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U082819W.M
Quant Title : SW846 8260
QLast Update : Wed Aug 28 02:42:03 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.49	180	97485	18.304	ug/l	97
94) Hexachlorobutadiene	13.67	225	63112	19.060	ug/l	98
95) Naphthalene	13.73	128	265027	18.262	ug/l	100
96) 1,2,3-Trichlorobenzene	13.97	180	101383	19.644	ug/l	98

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU082819\
Data File : VU033983.D
Acq On : 27 Aug 2019 19:29
Operator : JC/SP
Sample : VU0828WBSD01
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VU0828WBSD01

Manual Integrations
APPROVED

MMDadoda
8/28/2019 9:58:08 AM

Quant Time: Aug 28 04:30:31 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U082819W.M
Quant Title : SW846 8260
QLast Update : Wed Aug 28 02:42:03 2019
Response via : Initial Calibration

