

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU010519\
 Data File : VU029024.D
 Acq On : 04 Jan 2019 13:51
 Operator : MD/SY
 Sample : VU0105WBS01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0105WBS01

Manual Integrations
 APPROVED

MMDadoda
 1/7/2019 12:48:57 PM

Quant Time: Jan 05 04:04:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U010319W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 04 02:22:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	119994	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	193433	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	182450	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	88897	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	72228	48.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.38%	
35) Dibromofluoromethane	4.88	113	61583	49.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.22%	
50) Toluene-d8	7.56	98	237448	47.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.94%	
62) 4-Bromofluorobenzene	10.31	95	82572	46.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.82%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.21	85	23769	19.974	ug/l	100
3) Chloromethane	1.33	50	36628	18.849	ug/l	98
4) Vinyl Chloride	1.40	62	34667	19.768	ug/l	97
5) Bromomethane	1.61	94	18938	19.130	ug/l	98
6) Chloroethane	1.69	64	20569	19.692	ug/l	95
7) Trichlorofluoromethane	1.88	101	36978	19.351	ug/l	96
8) Diethyl Ether	2.10	74	18086	19.701	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.28	101	24128	18.871	ug/l	98
10) Methyl Iodide	2.41	142	24735	20.575	ug/l	99
11) Tert butyl alcohol	2.83	59	33695	89.365	ug/l	99
12) 1,1-Dichloroethene	2.28	96	23875	19.184	ug/l	93
13) Acrolein	2.19	56	24627	86.983	ug/l	99
14) Allyl chloride	2.59	41	42660	18.682	ug/l	95
15) Acrylonitrile	2.93	53	91260	98.656	ug/l	99
16) Acetone	2.32	43	89852	96.154	ug/l	99
17) Carbon Disulfide	2.47	76	80037	19.077	ug/l	100
18) Methyl Acetate	2.61	43	43322	19.939	ug/l	100
19) Methyl tert-butyl Ether	3.00	73	84101	19.222	ug/l	99
20) Methylene Chloride	2.70	84	30073	18.955	ug/l	97
21) trans-1,2-Dichloroethene	2.98	96	26964	18.649	ug/l	98
22) Diisopropyl ether	3.57	45	91978	20.381	ug/l	95
23) Vinyl Acetate	3.52	43	369589	100.176	ug/l	99
24) 1,1-Dichloroethane	3.44	63	51635	19.820	ug/l	98
25) 2-Butanone	4.26	43	124478	98.626	ug/l	97
26) 2,2-Dichloropropane	4.22	77	42347	20.117	ug/l	98
27) cis-1,2-Dichloroethene	4.22	96	31009	19.609	ug/l	99
28) Bromochloromethane	4.55	49	24608	22.059	ug/l	97
29) Tetrahydrofuran	4.64	42	75041	98.029	ug/l	98
30) Chloroform	4.67	83	50443	20.328	ug/l	100
31) Cyclohexane	4.99	56	50688	19.936	ug/l	96
32) 1,1,1-Trichloroethane	4.91	97	40224	19.618	ug/l	97
36) 1,1-Dichloropropene	5.13	75	37969	19.638	ug/l	99
37) Ethyl Acetate	4.38	43	41193	19.410	ug/l	100
38) Carbon Tetrachloride	5.13	117	32624	20.231	ug/l	95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU010519\
 Data File : VU029024.D
 Acq On : 04 Jan 2019 13:51
 Operator : MD/SY
 Sample : VU0105WBS01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleID :
 VU0105WBS01

Manual Integrations
 APPROVED

MMDadoda
 1/7/2019 12:48:57 PM

Quant Time: Jan 05 04:04:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U010319W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 04 02:22:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.41	83	46599	19.605	ug/l	99
40) Benzene	5.39	78	119352	19.790	ug/l	100
41) Methacrylonitrile	4.54	41	22981	20.229	ug/l	99
42) 1,2-Dichloroethane	5.40	62	38412	21.196	ug/l	99
43) Isopropyl Acetate	5.55	43	66872	20.541	ug/l	99
44) Trichloroethene	6.18	130	28776	19.257	ug/l	95
45) 1,2-Dichloropropane	6.43	63	32205	20.221	ug/l	98
46) Dibromomethane	6.56	93	20637	20.270	ug/l	99
47) Bromodichloromethane	6.76	83	37917	20.227	ug/l	99
48) Methyl methacrylate	6.62	41	32841	20.717	ug/l	99
49) 1,4-Dioxane	6.61	88	14513	386.322	ug/l	99
51) 4-Methyl-2-Pentanone	7.46	43	217651	98.236	ug/l	99
52) Toluene	7.64	92	73600	20.046	ug/l	98
53) t-1,3-Dichloropropene	7.88	75	43756	19.431	ug/l	100
54) cis-1,3-Dichloropropene	7.27	75	48736	20.029	ug/l	97
55) 1,1,2-Trichloroethane	8.06	97	29745	20.223	ug/l	99
56) Ethyl methacrylate	8.02	69	44229	19.518	ug/l	97
57) 1,3-Dichloropropane	8.24	76	51250	20.363	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.13	63	101398	101.749	ug/l	98
59) 2-Hexanone	8.36	43	172334	99.090	ug/l	97
60) Dibromochloromethane	8.48	129	28815	19.774	ug/l	97
61) 1,2-Dibromoethane	8.58	107	31643	19.836	ug/l	100
64) Tetrachloroethene	8.22	164	26076	19.840	ug/l	94
65) Chlorobenzene	9.12	112	77481	18.945	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.21	131	26626	20.062	ug/l	99
67) Ethyl Benzene	9.25	91	132502	19.406	ug/l	99
68) m/p-Xylenes	9.37	106	104284	39.308	ug/l	96
69) o-Xylene	9.78	106	49724	19.452	ug/l	99
70) Styrene	9.79	104	80167	19.130	ug/l	100
71) Bromoform	9.96	173	22344	18.908	ug/l #	97
73) Isopropylbenzene	10.16	105	128430	19.518	ug/l	99
74) N-amyl acetate	10.01	43	55817	19.686	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.46	83	51048	19.357	ug/l	98
76) 1,2,3-Trichloropropane	10.49	75	42908m	19.700	ug/l	
77) Bromobenzene	10.45	156	33482	19.526	ug/l	100
78) n-propylbenzene	10.58	91	152756	19.699	ug/l	99
79) 2-Chlorotoluene	10.66	91	92300	19.622	ug/l	98
80) 1,3,5-Trimethylbenzene	10.77	105	108138	19.680	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.51	75	14591m	17.277	ug/l	
82) 4-Chlorotoluene	10.77	91	103069	19.109	ug/l	100
83) tert-Butylbenzene	11.10	119	102496	18.925	ug/l	98
84) 1,2,4-Trimethylbenzene	11.15	105	109415	19.945	ug/l	100
85) sec-Butylbenzene	11.32	105	128879	19.677	ug/l	99
86) p-Isopropyltoluene	11.47	119	107755	19.307	ug/l	98
87) 1,3-Dichlorobenzene	11.41	146	59496	18.916	ug/l	100
88) 1,4-Dichlorobenzene	11.50	146	59871	18.441	ug/l	99
89) n-Butylbenzene	11.89	91	96175	19.307	ug/l	99
90) Hexachloroethane	12.14	117	17373	18.503	ug/l	99
91) 1,2-Dichlorobenzene	11.88	146	59323	18.726	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.66	75	9727	19.177	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU010519\
Data File : VU029024.D
Acq On : 04 Jan 2019 13:51
Operator : MD/SY
Sample : VU0105WBS01
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VU0105WBS01

Manual Integrations
APPROVED

MMDadoda
1/7/2019 12:48:57 PM

Quant Time: Jan 05 04:04:37 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U010319W.M
Quant Title : SW846 8260
QLast Update : Fri Jan 04 02:22:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.50	180	36210	17.906	ug/l	100
94) Hexachlorobutadiene	13.69	225	17803	19.247	ug/l	98
95) Naphthalene	13.74	128	117965	17.148	ug/l	100
96) 1,2,3-Trichlorobenzene	13.99	180	37269	18.400	ug/l	98

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU010519\
 Data File : VU029024.D
 Acq On : 04 Jan 2019 13:51
 Operator : MD/SY
 Sample : VU0105WBS01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0105WBS01

Manual Integrations
 APPROVED

MMDadoda
 1/7/2019 12:48:57 PM

Quant Time: Jan 05 04:04:37 2019
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U010319W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 04 02:22:53 2019
 Response via : Initial Calibration

