

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU071018\
 Data File : VU025283.D
 Acq On : 10 Jul 2018 12:43
 Operator : MD/SY
 Sample : VU0710WBS01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0710WBS01

Manual Integrations
 APPROVED

apatel
 7/12/2018 11:19:22 AM

Quant Time: Jul 11 07:37:27 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U070918W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 10 09:34:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	111405	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	161721	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	149061	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	82567	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	63463	36.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	73.34%	
35) Dibromofluoromethane	4.89	113	48971	35.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	71.80%	
50) Toluene-d8	7.57	98	163906	35.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	70.16%	
62) 4-Bromofluorobenzene	10.31	95	63957	34.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	68.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.21	85	18496	16.04	ug/l	100
3) Chloromethane	1.33	50	19425	17.28	ug/l	99
4) Vinyl Chloride	1.40	62	20582	16.25	ug/l	98
5) Bromomethane	1.63	94	15186	20.31	ug/l	96
6) Chloroethane	1.70	64	13011	16.35	ug/l #	85
7) Trichlorofluoromethane	1.89	101	33881	17.02	ug/l	97
8) Diethyl Ether	2.10	74	12764	17.08	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.29	101	20968	16.99	ug/l	99
10) Methyl Iodide	2.41	142	18052	18.76	ug/l	99
11) Tert butyl alcohol	2.82	59	32154	85.16	ug/l	99
12) 1,1-Dichloroethene	2.28	96	18382	16.28	ug/l	94
13) Acrolein	2.19	56	16829	67.37	ug/l	94
14) Allyl chloride	2.59	41	32597	15.92	ug/l	95
15) Acrylonitrile	2.94	53	66384	85.52	ug/l	99
16) Acetone	2.32	43	78316	91.81	ug/l	99
17) Carbon Disulfide	2.48	76	49421	16.33	ug/l	99
18) Methyl Acetate	2.62	43	31866	17.98	ug/l	100
19) Methyl tert-butyl Ether	3.00	73	73714	17.16	ug/l	99
20) Methylene Chloride	2.70	84	22976	17.61	ug/l	96
21) trans-1,2-Dichloroethene	2.99	96	20468	15.86	ug/l	98
22) Diisopropyl ether	3.57	45	69900	16.71	ug/l	96
23) Vinyl Acetate	3.53	43	305987	83.40	ug/l	100
24) 1,1-Dichloroethane	3.45	63	40696	17.25	ug/l	99
25) 2-Butanone	4.26	43	100285	83.59	ug/l	99
26) 2,2-Dichloropropane	4.23	77	38147	16.82	ug/l	99
27) cis-1,2-Dichloroethene	4.23	96	24744	16.57	ug/l	97
28) Bromochloromethane	4.55	49	24584	21.58	ug/l	100
29) Tetrahydrofuran	4.64	42	61756	85.82	ug/l	98
30) Chloroform	4.68	83	43304	17.34	ug/l	100
31) Cyclohexane	5.00	56	36678	17.27	ug/l	93
32) 1,1,1-Trichloroethane	4.92	97	38734	17.11	ug/l	99
36) 1,1-Dichloropropene	5.14	75	28845	16.04	ug/l	98
37) Ethyl Acetate	4.38	43	35060	17.49	ug/l	99
38) Carbon Tetrachloride	5.14	117	32473	16.78	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU071018\
 Data File : VU025283.D
 Acq On : 10 Jul 2018 12:43
 Operator : MD/SY
 Sample : VU0710WBS01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0710WBS01

Manual Integrations
 APPROVED

apatel
 7/12/2018 11:19:22 AM

Quant Time: Jul 11 07:37:27 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U070918W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 10 09:34:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	36052	16.08	ug/l	99
40) Benzene	5.39	78	89354	17.25	ug/l	100
41) Methacrylonitrile	4.54	41	19180	17.25	ug/l	98
42) 1,2-Dichloroethane	5.41	62	36864	17.90	ug/l	98
43) Isopropyl Acetate	5.55	43	56728	17.67	ug/l	100
44) Trichloroethene	6.19	130	23412	15.74	ug/l	96
45) 1,2-Dichloropropane	6.44	63	22843	16.83	ug/l	93
46) Dibromomethane	6.56	93	16920	17.13	ug/l	98
47) Bromodichloromethane	6.76	83	32510	17.72	ug/l	98
48) Methyl methacrylate	6.63	41	28243	17.64	ug/l	99
49) 1,4-Dioxane	6.61	88	13415	348.29	ug/l	98
51) 4-Methyl-2-Pentanone	7.46	43	180658	86.57	ug/l	99
52) Toluene	7.64	92	54926	16.66	ug/l	99
53) t-1,3-Dichloropropene	7.88	75	34269	17.00	ug/l	97
54) cis-1,3-Dichloropropene	7.27	75	35935	16.75	ug/l	99
55) 1,1,2-Trichloroethane	8.07	97	23589	17.18	ug/l	97
56) Ethyl methacrylate	8.02	69	36158	16.86	ug/l	99
57) 1,3-Dichloropropane	8.25	76	38506	16.90	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.13	63	72430	76.50	ug/l	98
59) 2-Hexanone	8.36	43	142032	83.90	ug/l	100
60) Dibromochloromethane	8.48	129	24485	16.51	ug/l	98
61) 1,2-Dibromoethane	8.59	107	25231	17.18	ug/l	100
64) Tetrachloroethene	8.23	164	22260	16.38	ug/l	96
65) Chlorobenzene	9.12	112	62424	16.76	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.21	131	23167	17.39	ug/l	97
67) Ethyl Benzene	9.25	91	104762	16.50	ug/l	98
68) m/p-Xylenes	9.38	106	83019	33.83	ug/l	99
69) o-Xylene	9.78	106	40983	16.68	ug/l	94
70) Styrene	9.80	104	63404	16.24	ug/l	98
71) Bromoform	9.96	173	18518	17.65	ug/l #	98
73) Isopropylbenzene	10.17	105	108908	17.26	ug/l	98
74) N-amyl acetate	10.02	43	44423	18.04	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.46	83	37591	18.21	ug/l	100
76) 1,2,3-Trichloropropane	10.50	75	33719m	20.32	ug/l	
77) Bromobenzene	10.46	156	27869	17.27	ug/l	99
78) n-propylbenzene	10.59	91	116838	16.69	ug/l	99
79) 2-Chlorotoluene	10.66	91	74775	18.69	ug/l	99
80) 1,3,5-Trimethylbenzene	10.78	105	90209	16.99	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.51	75	11812m	17.96	ug/l	
82) 4-Chlorotoluene	10.78	91	83732	16.89	ug/l	98
83) tert-Butylbenzene	11.10	119	91959	17.14	ug/l	100
84) 1,2,4-Trimethylbenzene	11.15	105	92334	16.97	ug/l	99
85) sec-Butylbenzene	11.33	105	109746	17.38	ug/l	99
86) p-Isopropyltoluene	11.48	119	93182	16.66	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	47878	16.23	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	47792	17.58	ug/l	98
89) n-Butylbenzene	11.89	91	71343	15.52	ug/l	99
90) Hexachloroethane	12.15	117	15784	16.67	ug/l	99
91) 1,2-Dichlorobenzene	11.88	146	50459	16.94	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	8303	16.59	ug/l	98

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU071018\
Data File : VU025283.D
Acq On : 10 Jul 2018 12:43
Operator : MD/SY
Sample : VU0710WBS01
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VU0710WBS01

Manual Integrations
APPROVED

apatel
7/12/2018 11:19:22 AM

Quant Time: Jul 11 07:37:27 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U070918W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 10 09:34:16 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.51	180	25423	15.19	ug/l	97
94) Hexachlorobutadiene	13.70	225	17259	16.20	ug/l	97
95) Naphthalene	13.75	128	86475	15.99	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	28211	15.75	ug/l	99

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

