

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101018\
 Data File : VU027528.D
 Acq On : 09 Oct 2018 18:01
 Operator : MD/SY
 Sample : VU1010WBS01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1010WBS01

Manual Integrations
 APPROVED

MMDadoda
 10/11/2018 9:01:23 AM

Quant Time: Oct 10 06:44:35 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U100118W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 02 02:04:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	90530	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	150082	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	139313	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	67179	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	70284	46.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.98%	
35) Dibromofluoromethane	4.88	113	49349	47.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.96%	
50) Toluene-d8	7.57	98	184725	47.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.98%	
62) 4-Bromofluorobenzene	10.31	95	65678	45.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.82%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.21	85	21586	16.539	ug/l	99
3) Chloromethane	1.33	50	27559	15.596	ug/l	100
4) Vinyl Chloride	1.40	62	26161	15.750	ug/l	100
5) Bromomethane	1.62	94	14249	19.825	ug/l	95
6) Chloroethane	1.70	64	16880	16.912	ug/l	100
7) Trichlorofluoromethane	1.88	101	28235	16.753	ug/l	98
8) Diethyl Ether	2.11	74	11677	15.041	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.29	101	16543	16.902	ug/l	96
10) Methyl Iodide	2.41	142	8423	16.525	ug/l	96
11) Tert butyl alcohol	2.83	59	26639	83.682	ug/l	98
12) 1,1-Dichloroethene	2.28	96	14643	15.313	ug/l	99
13) Acrolein	2.20	56	10808	40.462	ug/l	99
14) Allyl chloride	2.59	41	34074	15.005	ug/l	97
15) Acrylonitrile	2.94	53	66995	80.858	ug/l	99
16) Acetone	2.32	43	72648	81.348	ug/l	99
17) Carbon Disulfide	2.48	76	44848	13.004	ug/l	98
18) Methyl Acetate	2.62	43	38085	18.694	ug/l	95
19) Methyl tert-butyl Ether	3.00	73	58222	15.195	ug/l	99
20) Methylene Chloride	2.70	84	19127	15.376	ug/l	98
21) trans-1,2-Dichloroethene	2.98	96	15601	14.531	ug/l	93
22) Diisopropyl ether	3.58	45	75668	16.394	ug/l	95
23) Vinyl Acetate	3.53	43	306677	76.085	ug/l	100
24) 1,1-Dichloroethane	3.45	63	38751	16.332	ug/l	99
25) 2-Butanone	4.27	43	103160	84.709	ug/l	100
26) 2,2-Dichloropropane	4.23	77	31071	15.937	ug/l	99
27) cis-1,2-Dichloroethene	4.23	96	19471	15.859	ug/l	99
28) Bromochloromethane	4.55	49	21268	18.579	ug/l	98
29) Tetrahydrofuran	4.64	42	63817	83.151	ug/l	99
30) Chloroform	4.67	83	34720	16.470	ug/l	100
31) Cyclohexane	5.00	56	35865	14.624	ug/l #	95
32) 1,1,1-Trichloroethane	4.92	97	28997	16.332	ug/l	99
36) 1,1-Dichloropropene	5.14	75	25519	15.660	ug/l	97
37) Ethyl Acetate	4.39	43	34096	16.190	ug/l	99
38) Carbon Tetrachloride	5.14	117	23684	16.090	ug/l	94

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101018\
 Data File : VU027528.D
 Acq On : 09 Oct 2018 18:01
 Operator : MD/SY
 Sample : VU1010WBS01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleID :
 VU1010WBS01

Manual Integrations
 APPROVED

MMDadoda
 10/11/2018 9:01:23 AM

Quant Time: Oct 10 06:44:35 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U100118W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 02 02:04:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	27282	14.322	ug/l	94
40) Benzene	5.39	78	77980	16.428	ug/l	98
41) Methacrylonitrile	4.55	41	19796	16.630	ug/l	97
42) 1,2-Dichloroethane	5.41	62	30114	17.091	ug/l	100
43) Isopropyl Acetate	5.55	43	55017	16.820	ug/l	98
44) Trichloroethene	6.19	130	16645	15.726	ug/l	98
45) 1,2-Dichloropropane	6.44	63	22857	16.695	ug/l	98
46) Dibromomethane	6.56	93	13331	17.240	ug/l	98
47) Bromodichloromethane	6.76	83	26455	16.488	ug/l	98
48) Methyl methacrylate	6.63	41	26057	16.020	ug/l	97
49) 1,4-Dioxane	6.62	88	10634	379.969	ug/l	99
51) 4-Methyl-2-Pentanone	7.46	43	181886	85.575	ug/l	99
52) Toluene	7.64	92	45020	16.024	ug/l	99
53) t-1,3-Dichloropropene	7.88	75	29150	15.495	ug/l	99
54) cis-1,3-Dichloropropene	7.27	75	32315	15.979	ug/l	97
55) 1,1,2-Trichloroethane	8.07	97	19037	17.090	ug/l	98
56) Ethyl methacrylate	8.02	69	27666	14.652	ug/l	99
57) 1,3-Dichloropropane	8.24	76	35242	16.297	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.13	63	88572	81.349	ug/l	100
59) 2-Hexanone	8.36	43	141524	85.836	ug/l	98
60) Dibromochloromethane	8.48	129	17926	16.045	ug/l	99
61) 1,2-Dibromoethane	8.59	107	19441	16.415	ug/l	98
64) Tetrachloroethene	8.23	164	13346	15.389	ug/l	90
65) Chlorobenzene	9.12	112	46909	15.997	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.21	131	16950	16.744	ug/l	99
67) Ethyl Benzene	9.25	91	79611	15.323	ug/l	98
68) m/p-Xylenes	9.38	106	59300	31.204	ug/l	98
69) o-Xylene	9.78	106	27790	15.388	ug/l	96
70) Styrene	9.79	104	45298	15.101	ug/l	98
71) Bromoform	9.96	173	12933	15.879	ug/l #	100
73) Isopropylbenzene	10.17	105	78456	16.080	ug/l	100
74) N-amyl acetate	10.02	43	42083	15.066	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.46	83	32743	17.091	ug/l	99
76) 1,2,3-Trichloropropane	10.49	75	28949m	16.624	ug/l	
77) Bromobenzene	10.46	156	18788	16.569	ug/l	97
78) n-propylbenzene	10.59	91	90821	15.491	ug/l	100
79) 2-Chlorotoluene	10.66	91	57330	16.195	ug/l	98
80) 1,3,5-Trimethylbenzene	10.77	105	63695	16.035	ug/l	98
81) trans-1,4-Dichloro-2-buten	10.51	75	8395m	12.616	ug/l	
82) 4-Chlorotoluene	10.77	91	62923	15.664	ug/l	98
83) tert-Butylbenzene	11.10	119	61076	15.904	ug/l	98
84) 1,2,4-Trimethylbenzene	11.15	105	65005	16.020	ug/l	98
85) sec-Butylbenzene	11.32	105	75081	15.517	ug/l	100
86) p-Isopropyltoluene	11.48	119	64784	15.638	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	34130	15.896	ug/l	98
88) 1,4-Dichlorobenzene	11.51	146	34518	15.732	ug/l	98
89) n-Butylbenzene	11.89	91	54291	13.817	ug/l	99
90) Hexachloroethane	12.15	117	13049	16.710	ug/l	95
91) 1,2-Dichlorobenzene	11.88	146	33340	15.952	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.66	75	6905	16.263	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101018\
Data File : VU027528.D
Acq On : 09 Oct 2018 18:01
Operator : MD/SY
Sample : VU1010WBS01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VU1010WBS01

Manual Integrations
APPROVED

MMDadoda
10/11/2018 9:01:23 AM

Quant Time: Oct 10 06:44:35 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U100118W.M
Quant Title : SW846 8260
QLast Update : Tue Oct 02 02:04:34 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.50	180	19353	14.311	ug/l	98
94) Hexachlorobutadiene	13.69	225	11195	16.385	ug/l	99
95) Naphthalene	13.75	128	65005	14.034	ug/l	100
96) 1,2,3-Trichlorobenzene	13.99	180	21271	15.097	ug/l	99

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_U\DATA\VU101018\
 Data File : VU027528.D
 Acq On : 09 Oct 2018 18:01
 Operator : MD/SY
 Sample : VU1010WBS01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1010WBS01

Manual Integrations
 APPROVED

MMDadoda
 10/11/2018 9:01:23 AM

Quant Time: Oct 10 06:44:35 2018
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U100118W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 02 02:04:34 2018
 Response via : Initial Calibration

