

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080118\
 Data File : VU025766.D
 Acq On : 01 Aug 2018 10:57
 Operator : MD/SY
 Sample : VU0801WBS03
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0801WBS03

Manual Integrations
 APPROVED

MMDadoda
 8/2/2018 9:41:32 AM

Quant Time: Aug 02 04:00:20 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U072718W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 31 16:07:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	188984	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	287538	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	275865	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	169011	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	152058	51.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.28%	
35) Dibromofluoromethane	4.89	113	125226	50.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.14%	
50) Toluene-d8	7.57	98	447670	51.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.30%	
62) 4-Bromofluorobenzene	10.31	95	169622	49.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.88%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.21	85	59329	20.771	ug/l	99
3) Chloromethane	1.33	50	52354	19.177	ug/l	98
4) Vinyl Chloride	1.41	62	49869	19.410	ug/l	98
5) Bromomethane	1.63	94	25018	19.937	ug/l	99
6) Chloroethane	1.70	64	28835	19.194	ug/l	100
7) Trichlorofluoromethane	1.89	101	71886	19.352	ug/l	99
8) Diethyl Ether	2.10	74	25621	19.063	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.29	101	43207	20.099	ug/l	99
10) Methyl Iodide	2.41	142	35377	23.206	ug/l	98
11) Tert butyl alcohol	2.83	59	61691	95.692	ug/l	99
12) 1,1-Dichloroethene	2.28	96	39791	19.610	ug/l	94
13) Acrolein	2.19	56	24652	104.405	ug/l	93
14) Allyl chloride	2.59	41	68525	18.792	ug/l	98
15) Acrylonitrile	2.94	53	129527	100.630	ug/l	96
16) Acetone	2.32	43	143990	100.299	ug/l	97
17) Carbon Disulfide	2.48	76	117693	17.922	ug/l	99
18) Methyl Acetate	2.62	43	82411	23.850	ug/l	100
19) Methyl tert-butyl Ether	3.00	73	146124	19.872	ug/l	100
20) Methylene Chloride	2.70	84	47279	18.583	ug/l	94
21) trans-1,2-Dichloroethene	2.99	96	45916	19.575	ug/l	97
22) Diisopropyl ether	3.57	45	143641	19.990	ug/l	97
23) Vinyl Acetate	3.53	43	610358	97.466	ug/l	100
24) 1,1-Dichloroethane	3.45	63	86573	20.070	ug/l	99
25) 2-Butanone	4.27	43	200964	102.834	ug/l	100
26) 2,2-Dichloropropane	4.23	77	78493	20.020	ug/l	99
27) cis-1,2-Dichloroethene	4.23	96	51471	19.463	ug/l	99
28) Bromochloromethane	4.55	49	40079	20.781	ug/l	97
29) Tetrahydrofuran	4.64	42	115318	98.494	ug/l	99
30) Chloroform	4.68	83	90536	19.885	ug/l	99
31) Cyclohexane	5.00	56	74364	18.979	ug/l	98
32) 1,1,1-Trichloroethane	4.92	97	80607	19.664	ug/l	99
36) 1,1-Dichloropropene	5.14	75	63370	18.858	ug/l	97
37) Ethyl Acetate	4.38	43	67795	19.457	ug/l	99
38) Carbon Tetrachloride	5.14	117	70890	18.625	ug/l	93

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080118\
 Data File : VU025766.D
 Acq On : 01 Aug 2018 10:57
 Operator : MD/SY
 Sample : VU0801WBS03
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleID :
 VU0801WBS03

Manual Integrations
 APPROVED

MMDadoda
 8/2/2018 9:41:32 AM

Quant Time: Aug 02 04:00:20 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U072718W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 31 16:07:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	71414	18.548	ug/l	99
40) Benzene	5.39	78	187079	19.046	ug/l	96
41) Methacrylonitrile	4.55	41	38362	19.822	ug/l	98
42) 1,2-Dichloroethane	5.41	62	73775	19.506	ug/l	99
43) Isopropyl Acetate	5.55	43	111494	19.364	ug/l	100
44) Trichloroethene	6.19	130	52432	19.168	ug/l	100
45) 1,2-Dichloropropane	6.44	63	49275	19.235	ug/l	98
46) Dibromomethane	6.56	93	34507	18.590	ug/l	97
47) Bromodichloromethane	6.76	83	68493	19.345	ug/l	95
48) Methyl methacrylate	6.63	41	55160	19.547	ug/l	97
49) 1,4-Dioxane	6.62	88	26831	390.712	ug/l	99
51) 4-Methyl-2-Pentanone	7.46	43	353178	97.976	ug/l	100
52) Toluene	7.64	92	122094	20.008	ug/l	97
53) t-1,3-Dichloropropene	7.88	75	77544	19.505	ug/l	99
54) cis-1,3-Dichloropropene	7.27	75	81094	19.858	ug/l	97
55) 1,1,2-Trichloroethane	8.07	97	48452	19.106	ug/l	98
56) Ethyl methacrylate	8.02	69	70503	19.458	ug/l	98
57) 1,3-Dichloropropane	8.25	76	83448	19.567	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.13	63	137311	88.394	ug/l	99
59) 2-Hexanone	8.36	43	280028	99.101	ug/l	97
60) Dibromochloromethane	8.48	129	55647	18.608	ug/l	98
61) 1,2-Dibromoethane	8.59	107	54549	19.341	ug/l	99
64) Tetrachloroethene	8.23	164	46683	19.226	ug/l	97
65) Chlorobenzene	9.12	112	137455	19.326	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.21	131	51734	20.107	ug/l	100
67) Ethyl Benzene	9.25	91	229833	19.508	ug/l	100
68) m/p-Xylenes	9.38	106	179772	39.745	ug/l	100
69) o-Xylene	9.78	106	85490	19.339	ug/l	95
70) Styrene	9.80	104	139282	19.506	ug/l	98
71) Bromoform	9.96	173	42887	19.223	ug/l #	99
73) Isopropylbenzene	10.17	105	233654	20.256	ug/l	100
74) N-amyl acetate	10.01	43	96306	20.451	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.46	83	80204	20.106	ug/l	100
76) 1,2,3-Trichloropropane	10.50	75	70574m	18.952	ug/l	
77) Bromobenzene	10.45	156	62839	19.750	ug/l	99
78) n-propylbenzene	10.59	91	274988	20.424	ug/l	100
79) 2-Chlorotoluene	10.66	91	163744	20.764	ug/l	99
80) 1,3,5-Trimethylbenzene	10.78	105	200870	20.504	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.51	75	25333m	17.058	ug/l	
82) 4-Chlorotoluene	10.78	91	190429	20.486	ug/l	100
83) tert-Butylbenzene	11.10	119	196787	20.217	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	206644	20.815	ug/l	99
85) sec-Butylbenzene	11.33	105	238261	20.049	ug/l	100
86) p-Isopropyltoluene	11.48	119	219147	20.594	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	115498	19.556	ug/l	100
88) 1,4-Dichlorobenzene	11.51	146	117742	19.125	ug/l	99
89) n-Butylbenzene	11.89	91	192744	19.628	ug/l	99
90) Hexachloroethane	12.15	117	36351	19.213	ug/l	98
91) 1,2-Dichlorobenzene	11.88	146	114707	19.815	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	19342	20.453	ug/l	98

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU080118\
Data File : VU025766.D
Acq On : 01 Aug 2018 10:57
Operator : MD/SY
Sample : VU0801WBS03
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VU0801WBS03

Manual Integrations
APPROVED

MMDadoda
8/2/2018 9:41:32 AM

Quant Time: Aug 02 04:00:20 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U072718W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 31 16:07:47 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.51	180	78449	20.079	ug/l	99
94) Hexachlorobutadiene	13.70	225	38355	18.623	ug/l	98
95) Naphthalene	13.74	128	236081	19.592	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	79134	20.304	ug/l	100

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

