

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U110218\
 Data File : VU027911.D
 Acq On : 02 Nov 2018 09:10
 Operator : MD/SY
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 11/5/2018 11:29:08 AM

Quant Time: Nov 03 04:11:26 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U110218W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 02 02:28:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	170342	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	287340	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	263819	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	130826	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	115128	45.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.92%	
35) Dibromofluoromethane	4.88	113	88388	48.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.58%	
50) Toluene-d8	7.57	98	338825	48.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.82%	
62) 4-Bromofluorobenzene	10.31	95	125578	48.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.30%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.21	85	108516	50.135	ug/l	99
3) Chloromethane	1.33	50	125082	47.782	ug/l	98
4) Vinyl Chloride	1.40	62	122789	47.260	ug/l	99
5) Bromomethane	1.62	94	50426	47.548	ug/l	97
6) Chloroethane	1.69	64	71278	47.606	ug/l	100
7) Trichlorofluoromethane	1.88	101	145315	48.401	ug/l	98
8) Diethyl Ether	2.11	74	60469	47.038	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.29	101	87453	49.034	ug/l	98
10) Methyl Iodide	2.41	142	57062	37.190	ug/l	98
11) Tert butyl alcohol	2.83	59	149436	222.888	ug/l	99
12) 1,1-Dichloroethene	2.28	96	83156	46.579	ug/l	98
13) Acrolein	2.20	56	57281	231.768	ug/l	100
14) Allyl chloride	2.59	41	200263	45.897	ug/l	100
15) Acrylonitrile	2.94	53	386690	234.797	ug/l	99
16) Acetone	2.32	43	384631	244.786	ug/l	99
17) Carbon Disulfide	2.48	76	281768	48.286	ug/l	100
18) Methyl Acetate	2.62	43	189722	43.893	ug/l	99
19) Methyl tert-butyl Ether	3.00	73	344073	47.791	ug/l	98
20) Methylene Chloride	2.70	84	107110	46.687	ug/l	97
21) trans-1,2-Dichloroethene	2.98	96	95975	46.583	ug/l	97
22) Diisopropyl ether	3.58	45	425123	47.193	ug/l	99
23) Vinyl Acetate	3.53	43	1875275	242.225	ug/l	100
24) 1,1-Dichloroethane	3.45	63	207323	46.206	ug/l	99
25) 2-Butanone	4.26	43	598772	239.530	ug/l	98
26) 2,2-Dichloropropane	4.23	77	166607	49.479	ug/l	98
27) cis-1,2-Dichloroethene	4.23	96	111442	48.235	ug/l	98
28) Bromochloromethane	4.55	49	96442	45.848	ug/l	100
29) Tetrahydrofuran	4.64	42	376722	225.689	ug/l	100
30) Chloroform	4.67	83	191413	46.526	ug/l	100
31) Cyclohexane	5.00	56	211797	48.035	ug/l	99
32) 1,1,1-Trichloroethane	4.92	97	158919	48.526	ug/l	98
36) 1,1-Dichloropropene	5.14	75	145888	48.477	ug/l	100
37) Ethyl Acetate	4.38	43	206958	46.935	ug/l	100
38) Carbon Tetrachloride	5.13	117	128730	48.268	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U110218\
 Data File : VU027911.D
 Acq On : 02 Nov 2018 09:10
 Operator : MD/SY
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 11/5/2018 11:29:08 AM

Quant Time: Nov 03 04:11:26 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U110218W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 02 02:28:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	186230	51.307	ug/l	99
40) Benzene	5.39	78	451199	49.039	ug/l	100
41) Methacrylonitrile	4.54	41	117298	49.846	ug/l	99
42) 1,2-Dichloroethane	5.40	62	156350	47.806	ug/l	100
43) Isopropyl Acetate	5.55	43	334877	48.474	ug/l	100
44) Trichloroethene	6.19	130	98562	49.835	ug/l	99
45) 1,2-Dichloropropane	6.43	63	128365	48.376	ug/l	97
46) Dibromomethane	6.56	93	74148	48.614	ug/l	98
47) Bromodichloromethane	6.76	83	146347	49.789	ug/l	99
48) Methyl methacrylate	6.62	41	167182	49.384	ug/l	99
49) 1,4-Dioxane	6.61	88	54551	987.663	ug/l	99
51) 4-Methyl-2-Pentanone	7.46	43	1086124	235.418	ug/l	100
52) Toluene	7.64	92	266072	49.189	ug/l	100
53) t-1,3-Dichloropropene	7.88	75	176298	48.403	ug/l	99
54) cis-1,3-Dichloropropene	7.27	75	189049	52.173	ug/l	97
55) 1,1,2-Trichloroethane	8.07	97	106096	48.210	ug/l	98
56) Ethyl methacrylate	8.02	69	194542	50.128	ug/l	99
57) 1,3-Dichloropropane	8.24	76	195057	48.658	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.13	63	553742	266.413	ug/l	100
59) 2-Hexanone	8.36	43	860461	241.140	ug/l	99
60) Dibromochloromethane	8.48	129	106504	51.143	ug/l	99
61) 1,2-Dibromoethane	8.59	107	114706	49.053	ug/l	98
64) Tetrachloroethene	8.23	164	84090	49.156	ug/l	99
65) Chlorobenzene	9.12	112	273576	49.082	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.21	131	96027	50.439	ug/l	99
67) Ethyl Benzene	9.25	91	520437	50.727	ug/l	99
68) m/p-Xylenes	9.38	106	377739	101.473	ug/l	99
69) o-Xylene	9.78	106	186164	49.525	ug/l	99
70) Styrene	9.79	104	308292	51.329	ug/l	99
71) Bromoform	9.96	173	81921	51.344	ug/l #	99
73) Isopropylbenzene	10.17	105	499487	49.284	ug/l	99
74) N-amyl acetate	10.01	43	304086	49.619	ug/l	100
75) 1,1,2,2-Tetrachloroethane	10.46	83	192433	47.071	ug/l	100
76) 1,2,3-Trichloropropane	10.49	75	161746m	45.200	ug/l	
77) Bromobenzene	10.45	156	116614	50.179	ug/l	99
78) n-propylbenzene	10.59	91	618943	51.020	ug/l	99
79) 2-Chlorotoluene	10.66	91	355073	48.830	ug/l	99
80) 1,3,5-Trimethylbenzene	10.77	105	416206	49.574	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.51	75	55377m	38.698	ug/l	
82) 4-Chlorotoluene	10.77	91	411931	49.899	ug/l	100
83) tert-Butylbenzene	11.10	119	408179	48.632	ug/l	100
84) 1,2,4-Trimethylbenzene	11.15	105	428885	50.731	ug/l	99
85) sec-Butylbenzene	11.32	105	517543	50.702	ug/l	99
86) p-Isopropyltoluene	11.48	119	439793	51.539	ug/l	100
87) 1,3-Dichlorobenzene	11.42	146	212212	49.432	ug/l	98
88) 1,4-Dichlorobenzene	11.51	146	211554	48.078	ug/l	99
89) n-Butylbenzene	11.89	91	434550	53.583	ug/l	100
90) Hexachloroethane	12.15	117	75965	50.002	ug/l	98
91) 1,2-Dichlorobenzene	11.88	146	214608	49.710	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	43293	50.257	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU110218\
Data File : VU027911.D
Acq On : 02 Nov 2018 09:10
Operator : MD/SY
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda
11/5/2018 11:29:08 AM

Quant Time: Nov 03 04:11:26 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U110218W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 02 02:28:20 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.50	180	151193	49.937	ug/l	98
94) Hexachlorobutadiene	13.69	225	73102	53.277	ug/l	98
95) Naphthalene	13.74	128	515331	48.014	ug/l	100
96) 1,2,3-Trichlorobenzene	13.99	180	153020	52.821	ug/l	99

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

