

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U072718\
 Data File : VU025661.D
 Acq On : 27 Jul 2018 11:04
 Operator : MD/SY
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 7/31/2018 3:48:01 PM

Quant Time: Jul 27 12:49:26 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U072718W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 27 12:00:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	169154	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	254653	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	246692	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	159374	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	133366	50.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.50%	
35) Dibromofluoromethane	4.89	113	110742	51.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.10%	
50) Toluene-d8	7.57	98	399439	54.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.60%	
62) 4-Bromofluorobenzene	10.31	95	153260	51.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.50%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	142925	81.64	ug/l	99
3) Chloromethane	1.33	50	125285	63.24	ug/l	100
4) Vinyl Chloride	1.40	62	117744	61.21	ug/l	99
5) Bromomethane	1.62	94	59109	42.06	ug/l	97
6) Chloroethane	1.69	64	67073	50.03	ug/l	97
7) Trichlorofluoromethane	1.88	101	172827	57.16	ug/l	100
8) Diethyl Ether	2.10	74	60199	53.06	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.28	101	99362	53.03	ug/l	97
10) Methyl Iodide	2.41	142	78431	42.88	ug/l	100
11) Tert butyl alcohol	2.83	59	143047	249.51	ug/l	100
12) 1,1-Dichloroethene	2.28	96	90838	52.98	ug/l	96
13) Acrolein	2.19	56	51697	136.31	ug/l	99
14) Allyl chloride	2.59	41	155798	50.10	ug/l	98
15) Acrylonitrile	2.94	53	301428	255.73	ug/l	99
16) Acetone	2.32	43	326222	229.88	ug/l	98
17) Carbon Disulfide	2.48	76	292616	55.09	ug/l	99
18) Methyl Acetate	2.62	43	168056	62.46	ug/l	98
19) Methyl tert-butyl Ether	3.00	73	338261	51.86	ug/l	100
20) Methylene Chloride	2.70	84	111417	47.79	ug/l	96
21) trans-1,2-Dichloroethene	2.98	96	105402	53.79	ug/l	98
22) Diisopropyl ether	3.58	45	331532	52.21	ug/l	93
23) Vinyl Acetate	3.53	43	1448297	259.97	ug/l	99
24) 1,1-Dichloroethane	3.45	63	197114	55.04	ug/l	99
25) 2-Butanone	4.27	43	451457	247.84	ug/l	99
26) 2,2-Dichloropropane	4.23	77	176761	51.33	ug/l	100
27) cis-1,2-Dichloroethene	4.23	96	119712	52.80	ug/l	98
28) Bromochloromethane	4.55	49	91119	52.69	ug/l	100
29) Tetrahydrofuran	4.64	42	271434	248.43	ug/l	100
30) Chloroform	4.68	83	205478	54.17	ug/l	99
31) Cyclohexane	5.00	56	173494	43.60	ug/l	99
32) 1,1,1-Trichloroethane	4.92	97	188658	54.88	ug/l	99
36) 1,1-Dichloropropene	5.14	75	152777	53.96	ug/l	99
37) Ethyl Acetate	4.38	43	161215	51.06	ug/l	99
38) Carbon Tetrachloride	5.14	117	171232	56.19	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU072718\
 Data File : VU025661.D
 Acq On : 27 Jul 2018 11:04
 Operator : MD/SY
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 7/31/2018 3:48:01 PM

Quant Time: Jul 27 12:49:26 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U072718W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 27 12:00:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	175358	49.66	ug/l	99
40) Benzene	5.39	78	433151	53.09	ug/l	98
41) Methacrylonitrile	4.54	41	89033	50.86	ug/l	98
42) 1,2-Dichloroethane	5.41	62	165719	51.10	ug/l	100
43) Isopropyl Acetate	5.55	43	259763	51.38	ug/l	99
44) Trichloroethene	6.19	130	120598	51.48	ug/l	97
45) 1,2-Dichloropropane	6.44	63	116357	54.45	ug/l	98
46) Dibromomethane	6.56	93	81280	52.27	ug/l	98
47) Bromodichloromethane	6.76	83	159565	55.24	ug/l	99
48) Methyl methacrylate	6.63	41	131078	52.00	ug/l	97
49) 1,4-Dioxane	6.62	88	61871	1020.13	ug/l	97
51) 4-Methyl-2-Pentanone	7.46	43	829045	252.28	ug/l	100
52) Toluene	7.64	92	277175	53.40	ug/l	99
53) t-1,3-Dichloropropene	7.88	75	181370	57.14	ug/l	96
54) cis-1,3-Dichloropropene	7.27	75	187399	55.48	ug/l	97
55) 1,1,2-Trichloroethane	8.07	97	113554	52.53	ug/l	97
56) Ethyl methacrylate	8.02	69	166946	49.45	ug/l	98
57) 1,3-Dichloropropane	8.25	76	189009	52.67	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.13	63	353312	296.54	ug/l	100
59) 2-Hexanone	8.36	43	654877	245.68	ug/l	98
60) Dibromochloromethane	8.48	129	133084	57.01	ug/l	99
61) 1,2-Dibromoethane	8.59	107	127311	55.04	ug/l	100
64) Tetrachloroethene	8.23	164	110228	49.02	ug/l	99
65) Chlorobenzene	9.12	112	317671	51.55	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.21	131	120123	54.49	ug/l	99
67) Ethyl Benzene	9.25	91	538070	51.21	ug/l	100
68) m/p-Xylenes	9.38	106	427779	105.32	ug/l	98
69) o-Xylene	9.78	106	205723	50.59	ug/l	100
70) Styrene	9.80	104	342062	52.95	ug/l	99
71) Bromoform	9.96	173	104084	54.59	ug/l #	99
73) Isopropylbenzene	10.17	105	556472	45.70	ug/l	100
74) N-amyl acetate	10.01	43	230852	43.67	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.46	83	187327	47.02	ug/l	97
76) 1,2,3-Trichloropropane	10.50	75	175508m	48.36	ug/l	
77) Bromobenzene	10.45	156	148230	47.58	ug/l	98
78) n-propylbenzene	10.59	91	654757	48.46	ug/l	100
79) 2-Chlorotoluene	10.66	91	380508	45.00	ug/l	99
80) 1,3,5-Trimethylbenzene	10.78	105	484156	47.25	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.51	75	62158m	48.95	ug/l	
82) 4-Chlorotoluene	10.78	91	455732	47.63	ug/l	100
83) tert-Butylbenzene	11.10	119	465480	44.96	ug/l	98
84) 1,2,4-Trimethylbenzene	11.15	105	494379	47.08	ug/l	98
85) sec-Butylbenzene	11.33	105	582442	47.77	ug/l	99
86) p-Isopropyltoluene	11.48	119	526987	48.82	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	278879	48.98	ug/l	100
88) 1,4-Dichlorobenzene	11.51	146	283433	48.47	ug/l	99
89) n-Butylbenzene	11.89	91	481010	54.20	ug/l	99
90) Hexachloroethane	12.15	117	89228	48.82	ug/l	99
91) 1,2-Dichlorobenzene	11.88	146	276007	48.00	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	45553	47.14	ug/l	98

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU072718\
Data File : VU025661.D
Acq On : 27 Jul 2018 11:04
Operator : MD/SY
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

MMDadoda
7/31/2018 3:48:01 PM

Quant Time: Jul 27 12:49:26 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U072718W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 27 12:00:53 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.51	180	194162	51.54	ug/l	97
94) Hexachlorobutadiene	13.70	225	95575	46.48	ug/l	99
95) Naphthalene	13.74	128	584632	45.11	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	196902	48.47	ug/l	100

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

