

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062018\
 Data File : VU024750.D
 Acq On : 20 Jun 2018 10:58
 Operator : MD/SY
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

apatel
 6/21/2018 1:44:00 PM

Quant Time: Jun 20 14:58:56 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 13 13:55:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	191356	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	282219	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	269160	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	162800	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	126655	40.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	81.08%	
35) Dibromofluoromethane	4.89	113	106213	45.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.70%	
50) Toluene-d8	7.57	98	393264	46.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.06%	
62) 4-Bromofluorobenzene	10.31	95	154054	45.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.84%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.21	85	102676	42.87	ug/l	99
3) Chloromethane	1.33	50	110217	45.04	ug/l	100
4) Vinyl Chloride	1.40	62	114387	45.33	ug/l	99
5) Bromomethane	1.63	94	68725	56.33	ug/l	99
6) Chloroethane	1.70	64	74417	52.83	ug/l	97
7) Trichlorofluoromethane	1.89	101	189814	49.29	ug/l	98
8) Diethyl Ether	2.10	74	68609	52.44	ug/l	86
9) 1,1,2-Trichlorotrifluoroet	2.29	101	107596	45.03	ug/l	96
10) Methyl Iodide	2.41	142	81334	41.26	ug/l	97
11) Tert butyl alcohol	2.83	59	136083	179.11	ug/l	98
12) 1,1-Dichloroethene	2.28	96	97891	44.93	ug/l	92
13) Acrolein	2.20	56	73250	183.60	ug/l	100
14) Allyl chloride	2.60	41	188320	46.55	ug/l	90
15) Acrylonitrile	2.94	53	322357	218.07	ug/l	98
16) Acetone	2.33	43	341582	203.51	ug/l	98
17) Carbon Disulfide	2.48	76	297561	42.65	ug/l	99
18) Methyl Acetate	2.62	43	160843	44.70	ug/l	98
19) Methyl tert-butyl Ether	3.00	73	364385	44.49	ug/l	96
20) Methylene Chloride	2.70	84	114469	43.46	ug/l	96
21) trans-1,2-Dichloroethene	2.99	96	107199	44.67	ug/l	93
22) Diisopropyl ether	3.57	45	367371	45.81	ug/l	96
23) Vinyl Acetate	3.53	43	1602238	223.03	ug/l	98
24) 1,1-Dichloroethane	3.45	63	208263	45.14	ug/l	99
25) 2-Butanone	4.26	43	481608	213.61	ug/l	97
26) 2,2-Dichloropropane	4.23	77	193553	44.18	ug/l	100
27) cis-1,2-Dichloroethene	4.23	96	126693	45.92	ug/l	98
28) Bromochloromethane	4.55	49	93432	45.98	ug/l	90
29) Tetrahydrofuran	4.64	42	290905	208.36	ug/l	97
30) Chloroform	4.68	83	212236	45.45	ug/l	99
31) Cyclohexane	5.00	56	194746	47.43	ug/l	96
32) 1,1,1-Trichloroethane	4.92	97	191403	44.33	ug/l	96
36) 1,1-Dichloropropene	5.14	75	158872	47.91	ug/l	96
37) Ethyl Acetate	4.38	43	173161	47.91	ug/l	97
38) Carbon Tetrachloride	5.14	117	177123	48.57	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U062018\
 Data File : VU024750.D
 Acq On : 20 Jun 2018 10:58
 Operator : MD/SY
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleID :
 VSTDCCC050

Manual Integrations
 APPROVED

apatel
 6/21/2018 1:44:00 PM

Quant Time: Jun 20 14:58:56 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 13 13:55:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	203041	49.06	ug/l	94
40) Benzene	5.39	78	460903	48.77	ug/l	99
41) Methacrylonitrile	4.54	41	95064	48.78	ug/l	98
42) 1,2-Dichloroethane	5.41	62	174605	48.51	ug/l	99
43) Isopropyl Acetate	5.55	43	284308	45.50	ug/l	98
44) Trichloroethene	6.19	130	133042	49.47	ug/l	93
45) 1,2-Dichloropropane	6.44	63	126650	50.23	ug/l	96
46) Dibromomethane	6.56	93	87916	49.64	ug/l	95
47) Bromodichloromethane	6.76	83	168295	47.72	ug/l	99
48) Methyl methacrylate	6.62	41	141662	46.56	ug/l	98
49) 1,4-Dioxane	6.63	88	63686	1070.41	ug/l	96
51) 4-Methyl-2-Pentanone	7.46	43	902734	229.98	ug/l	99
52) Toluene	7.64	92	302463	49.75	ug/l	100
53) t-1,3-Dichloropropene	7.88	75	193361	48.82	ug/l	98
54) cis-1,3-Dichloropropene	7.27	75	201443	47.73	ug/l	99
55) 1,1,2-Trichloroethane	8.07	97	122931	49.74	ug/l	99
56) Ethyl methacrylate	8.02	69	199335	48.19	ug/l	99
57) 1,3-Dichloropropane	8.25	76	207296	49.73	ug/l	98
58) 2-Chloroethyl Vinyl ether	7.13	63	314381	198.39	ug/l	96
59) 2-Hexanone	8.36	43	722111	225.34	ug/l	99
60) Dibromochloromethane	8.48	129	147018	47.71	ug/l	98
61) 1,2-Dibromoethane	8.59	107	135401	49.23	ug/l	100
64) Tetrachloroethene	8.23	164	119942	46.88	ug/l	98
65) Chlorobenzene	9.12	112	343178	49.91	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.21	131	132120	50.58	ug/l	99
67) Ethyl Benzene	9.25	91	590097	48.95	ug/l	96
68) m/p-Xylenes	9.38	106	468446	101.20	ug/l	95
69) o-Xylene	9.78	106	229550	50.11	ug/l	94
70) Styrene	9.80	104	378527	50.28	ug/l	100
71) Bromoform	9.96	173	117015	47.13	ug/l #	97
73) Isopropylbenzene	10.17	105	619210	49.54	ug/l	99
74) N-amyl acetate	10.01	43	271461	45.66	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.46	83	201485	48.10	ug/l	98
76) 1,2,3-Trichloropropane	10.50	75	169977m	47.42	ug/l	
77) Bromobenzene	10.45	156	156288	49.39	ug/l	95
78) n-propylbenzene	10.59	91	718019	48.77	ug/l	97
79) 2-Chlorotoluene	10.66	91	421569	48.55	ug/l	98
80) 1,3,5-Trimethylbenzene	10.78	105	536192	49.49	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.51	75	62412m	40.30	ug/l	
82) 4-Chlorotoluene	10.78	91	494261	48.91	ug/l	98
83) tert-Butylbenzene	11.10	119	527941	50.66	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	549645	49.78	ug/l	100
85) sec-Butylbenzene	11.33	105	648661	49.73	ug/l	98
86) p-Isopropyltoluene	11.48	119	586272	50.18	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	288639	49.37	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	295254	50.18	ug/l	99
89) n-Butylbenzene	11.89	91	511150	49.28	ug/l	97
90) Hexachloroethane	12.15	117	103682	45.49	ug/l	98
91) 1,2-Dichlorobenzene	11.88	146	290752	49.65	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.66	75	51658	44.70	ug/l	93

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU062018\
Data File : VU024750.D
Acq On : 20 Jun 2018 10:58
Operator : MD/SY
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

apatel
6/21/2018 1:44:00 PM

Quant Time: Jun 20 14:58:56 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 13 13:55:26 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.51	180	201742	55.79	ug/l	99
94) Hexachlorobutadiene	13.70	225	102771	50.50	ug/l	99
95) Naphthalene	13.74	128	616012	51.44	ug/l	100
96) 1,2,3-Trichlorobenzene	13.99	180	207570	57.61	ug/l	99

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

