

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U121118\
 Data File : VU028571.D
 Acq On : 10 Dec 2018 23:14
 Operator : MD/SY
 Sample : J6325-09MS
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 RE-131D1-20181205MS

Manual Integrations
 APPROVED

MMDadoda
 12/11/2018 12:10:15 PM

Quant Time: Dec 11 04:33:31 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U120618W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 07 00:39:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	76890	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	139088	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	130331	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	63149	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	67144	57.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.44%	
35) Dibromofluoromethane	4.88	113	47772	54.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.16%	
50) Toluene-d8	7.57	98	186326	53.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.62%	
62) 4-Bromofluorobenzene	10.30	95	68753	53.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.26%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.21	85	53256	51.675	ug/l	100
3) Chloromethane	1.33	50	96909	51.146	ug/l	99
4) Vinyl Chloride	1.40	62	72050	52.692	ug/l	99
5) Bromomethane	1.60	94	32614	59.211	ug/l	98
6) Chloroethane	1.68	64	40241	51.984	ug/l	100
7) Trichlorofluoromethane	1.88	101	74200	51.577	ug/l	100
8) Diethyl Ether	2.10	74	33515	49.794	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.28	101	45472	52.850	ug/l	99
10) Methyl Iodide	2.41	142	37900	56.139	ug/l	99
11) Tert butyl alcohol	2.83	59	82848	316.907	ug/l	100
12) 1,1-Dichloroethene	2.28	96	44093	51.506	ug/l	97
13) Acrolein	2.19	56	52661	252.683	ug/l	99
14) Allyl chloride	2.59	41	104604	51.651	ug/l	99
15) Acrylonitrile	2.94	53	210250	289.679	ug/l	99
16) Acetone	2.32	43	174637	228.077	ug/l	98
17) Carbon Disulfide	2.47	76	151007	48.964	ug/l	99
18) Methyl Acetate	2.61	43	113604	57.235	ug/l	98
19) Methyl tert-butyl Ether	3.00	73	175291	54.014	ug/l	100
20) Methylene Chloride	2.70	84	56821	50.340	ug/l	100
21) trans-1,2-Dichloroethene	2.98	96	49885	51.755	ug/l	98
22) Diisopropyl ether	3.57	45	220618	56.018	ug/l	98
23) Vinyl Acetate	3.52	43	861350	265.152	ug/l	98
24) 1,1-Dichloroethane	3.44	63	109726	53.225	ug/l	99
25) 2-Butanone	4.26	43	291633	278.703	ug/l	98
26) 2,2-Dichloropropane	4.22	77	76373	46.755	ug/l	100
27) cis-1,2-Dichloroethene	4.22	96	63205	57.935	ug/l	97
28) Bromochloromethane	4.55	49	53840	57.449	ug/l	98
29) Tetrahydrofuran	4.64	42	203642	303.023	ug/l	96
30) Chloroform	4.67	83	103173	57.421	ug/l	97
31) Cyclohexane	4.99	56	105031	52.262	ug/l	96
32) 1,1,1-Trichloroethane	4.91	97	80108	53.682	ug/l	97
36) 1,1-Dichloropropene	5.13	75	73573	48.339	ug/l	99
37) Ethyl Acetate	4.38	43	103573	52.641	ug/l	100
38) Carbon Tetrachloride	5.13	117	63161	51.487	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U121118\
 Data File : VU028571.D
 Acq On : 10 Dec 2018 23:14
 Operator : MD/SY
 Sample : J6325-09MS
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 RE-131D1-20181205MS

Manual Integrations
 APPROVED

MMDadoda
 12/11/2018 12:10:15 PM

Quant Time: Dec 11 04:33:31 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U120618W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 07 00:39:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.41	83	85780	46.197	ug/l	96
40) Benzene	5.39	78	230880	51.505	ug/l	98
41) Methacrylonitrile	4.54	41	62020	57.559	ug/l	96
42) 1,2-Dichloroethane	5.40	62	82449	52.545	ug/l	99
43) Isopropyl Acetate	5.55	43	167644	53.870	ug/l	99
44) Trichloroethene	6.18	130	228549	229.302	ug/l	99
45) 1,2-Dichloropropane	6.43	63	67643	53.661	ug/l	96
46) Dibromomethane	6.56	93	39466	52.767	ug/l	99
47) Bromodichloromethane	6.76	83	74781	51.381	ug/l	99
48) Methyl methacrylate	6.62	41	87350	56.442	ug/l	98
49) 1,4-Dioxane	6.61	88	34031	1392.634	ug/l	98
51) 4-Methyl-2-Pentanone	7.46	43	555828	283.182	ug/l	98
52) Toluene	7.64	92	133287	50.523	ug/l	100
53) t-1,3-Dichloropropene	7.88	75	85662	49.419	ug/l	96
54) cis-1,3-Dichloropropene	7.27	75	93086	49.498	ug/l	98
55) 1,1,2-Trichloroethane	8.06	97	55442	53.164	ug/l	98
56) Ethyl methacrylate	8.02	69	94697	53.027	ug/l	97
57) 1,3-Dichloropropane	8.24	76	100811	52.076	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.26	63	491	0.537	ug/l #	54
59) 2-Hexanone	8.36	43	426584	274.203	ug/l	100
60) Dibromochloromethane	8.48	129	51882	50.815	ug/l	100
61) 1,2-Dibromoethane	8.58	107	57359	52.450	ug/l	100
64) Tetrachloroethene	8.23	164	54206	62.353	ug/l	97
65) Chlorobenzene	9.12	112	139050	50.068	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.21	131	45788	51.629	ug/l	98
67) Ethyl Benzene	9.25	91	254976	49.942	ug/l	100
68) m/p-Xylenes	9.37	106	187042	100.683	ug/l	97
69) o-Xylene	9.78	106	92009	50.965	ug/l	100
70) Styrene	9.79	104	150858	50.493	ug/l	99
71) Bromoform	9.96	173	39967	52.976	ug/l #	98
73) Isopropylbenzene	10.17	105	241380	49.814	ug/l	100
74) N-amyl acetate	10.01	43	141023	50.454	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.46	83	104257	56.009	ug/l	99
76) 1,2,3-Trichloropropane	10.49	75	90589m	56.178	ug/l	
77) Bromobenzene	10.45	156	56944	50.247	ug/l	98
78) n-propylbenzene	10.58	91	298110	49.510	ug/l	98
79) 2-Chlorotoluene	10.66	91	175545	50.614	ug/l	100
80) 1,3,5-Trimethylbenzene	10.77	105	203972	50.852	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.51	75	29975m	45.749	ug/l	
82) 4-Chlorotoluene	10.77	91	203523	49.519	ug/l	99
83) tert-Butylbenzene	11.10	119	196448	50.813	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	209250	50.620	ug/l	99
85) sec-Butylbenzene	11.32	105	244568	49.241	ug/l	100
86) p-Isopropyltoluene	11.48	119	203330	48.193	ug/l	99
87) 1,3-Dichlorobenzene	11.41	146	103142	48.199	ug/l	99
88) 1,4-Dichlorobenzene	11.50	146	103389	46.698	ug/l	99
89) n-Butylbenzene	11.89	91	195047	45.680	ug/l	100
90) Hexachloroethane	12.14	117	31329	49.128	ug/l	97
91) 1,2-Dichlorobenzene	11.88	146	105351	49.218	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.65	75	22619	56.127	ug/l	99

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU121118\
Data File : VU028571.D
Acq On : 10 Dec 2018 23:14
Operator : MD/SY
Sample : J6325-09MS
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
RE-131D1-20181205MS

Manual Integrations
APPROVED

MMDadoda
12/11/2018 12:10:15 PM

Quant Time: Dec 11 04:33:31 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U120618W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 07 00:39:42 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.50	180	64044	43.650	ug/l	98
94) Hexachlorobutadiene	13.69	225	30836	43.978	ug/l	99
95) Naphthalene	13.74	128	235231	45.797	ug/l	100
96) 1,2,3-Trichlorobenzene	13.99	180	67915	46.404	ug/l	99

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU121118\
Data File : VU028571.D
Acq On : 10 Dec 2018 23:14
Operator : MD/SY
Sample : J6325-09MS
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
RE-131D1-20181205MS

Manual Integrations
APPROVED

MMDadoda
12/11/2018 12:10:15 PM

Quant Time: Dec 11 04:33:31 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U120618W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 07 00:39:42 2018
Response via : Initial Calibration

