

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU090119\
 Data File : VU034115.D
 Acq On : 31 Aug 2019 11:28
 Operator : JC/SP
 Sample : VSTD0.501
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD0.501

Quant Time: Aug 31 14:51:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR090119WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Aug 31 14:48:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.87	114	344059	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	330486	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	172188	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	10831	0.37	ug/L	0.00
7) Chloroethane-d5	1.68	69	8384	0.35	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.26	63	19834	0.35	ug/L	0.00
20) 2-Butanone-d5	4.20	46	22420	3.25	ug/L	0.02
24) Chloroform-d	4.63	84	18288	0.37	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.29	65	10207	0.39	ug/L	0.00
32) Benzene-d6	5.32	84	37868	0.41	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.31	67	11913	0.41	ug/L	0.00
41) Toluene-d8	7.55	98	37677	0.47	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.84	79	4120	0.38	ug/L	0.00
46) 2-Hexanone-d5	8.31	63	15583	3.51	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.41	84	9218	0.39	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.84	152	14375	0.46	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	15946	0.406 ug/L	97
3) Chloromethane	1.32	50	16615	0.430 ug/L	98
5) Vinyl chloride	1.40	62	16262	0.400 ug/L	94
6) Bromomethane	1.62	94	8027	0.432 ug/L	96
8) Chloroethane	1.69	64	9530	0.380 ug/L	85
9) Trichlorofluoromethane	1.88	101	18429	0.401 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	10472	0.399 ug/L	99
12) 1,1-Dichloroethene	2.27	96	10066	0.393 ug/L	98
13) Acetone	2.32	43	18519	3.493 ug/L	99
14) Carbon disulfide	2.46	76	36353	0.404 ug/L	98
15) Methyl Acetate	2.61	43	5140	0.353 ug/L	97
16) Methylene chloride	2.69	84	13279	0.443 ug/L	93
17) Methyl tert-butyl Ether	2.99	73	25450	0.385 ug/L	97
18) trans-1,2-Dichloroethene	2.96	96	11460	0.415 ug/L	93
19) 1,1-Dichloroethane	3.43	63	21956	0.406 ug/L	97
21) 2-Butanone	4.27	43	27370	3.554 ug/L	96
22) cis-1,2-Dichloroethene	4.21	96	11926	0.412 ug/L	94
23) Bromochloromethane	4.53	128	5493	0.423 ug/L	87
25) Chloroform	4.65	83	24701	0.442 ug/L	95
27) 1,2-Dichloroethane	5.39	62	12577	0.384 ug/L	97
29) 1,1,1-Trichloroethane	4.89	97	17422	0.436 ug/L	99
30) Cyclohexane	4.96	56	20025	0.481 ug/L	97
31) Carbon tetrachloride	5.11	117	14823	0.418 ug/L	99
33) Benzene	5.37	78	47355	0.458 ug/L	100
34) Trichloroethene	6.17	95	12427	0.461 ug/L	97
35) Methylcyclohexane	6.39	83	19661	0.475 ug/L	98
37) 1,2-Dichloropropane	6.41	63	12703	0.452 ug/L #	97
38) Bromodichloromethane	6.74	83	14604	0.427 ug/L	99
39) cis-1,3-Dichloropropene	7.25	75	16005	0.431 ug/L	97
40) 4-Methyl-2-pentanone	7.45	43	65306	3.934 ug/L	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU090119\
 Data File : VU034115.D
 Acq On : 31 Aug 2019 11:28
 Operator : JC/SP
 Sample : VSTD0.501
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD0.501

Quant Time: Aug 31 14:51:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR090119WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Aug 31 14:48:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) Toluene	7.62	91	48626	0.465	ug/L	96
44) trans-1,3-Dichloropropene	7.87	75	11691	0.392	ug/L	99
45) 1,1,2-Trichloroethane	8.05	97	7785	0.414	ug/L	94
47) Tetrachloroethene	8.21	164	10139	0.477	ug/L	94
48) 2-Hexanone	8.36	43	42772	3.690	ug/L	100
49) Dibromochloromethane	8.46	129	9178	0.414	ug/L	93
50) 1,2-Dibromoethane	8.57	107	7387	0.414	ug/L #	100
51) Chlorobenzene	9.10	112	31831	0.463	ug/L	99
52) Ethylbenzene	9.23	91	51310	0.465	ug/L	100
53) m,p-Xylene	9.36	106	19860	0.480	ug/L	95
54) o-Xylene	9.76	106	18234	0.465	ug/L	99
55) Styrene	9.78	104	28494	0.425	ug/L	99
56) Isopropylbenzene	10.15	105	48736	0.467	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.44	83	10522	0.427	ug/L	96
59) 1,2,3-Trichloropropane	10.48	75	6905	0.393	ug/L	95
61) Bromoform	9.95	173	5098	0.402	ug/L	99
62) 1,3-Dichlorobenzene	11.40	146	26389	0.489	ug/L	98
63) 1,4-Dichlorobenzene	11.49	146	27768	0.497	ug/L	97
65) 1,2-Dichlorobenzene	11.86	146	24142	0.467	ug/L	96
66) 1,2-Dibromo-3-chloropropan	12.65	75	1453	0.377	ug/L	87
67) 1,3,5-Trichlorobenzene	12.87	180	20922	0.494	ug/L	95
68) 1,2,4-trichlorobenzene	13.49	180	13604	0.428	ug/L	87
69) Naphthalene	13.74	128	21407	0.436	ug/L #	94
70) 1,2,3-Trichlorobenzene	13.98	180	13053	0.430	ug/L	93

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU090119\
Data File : VU034115.D
Acq On : 31 Aug 2019 11:28
Operator : JC/SP
Sample : VSTD0.501
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 4 Sample Multiplier: 1