

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV111518\
 Data File : VV008570.D
 Acq On : 15 Nov 2018 12:43
 Operator : SY/MD
 Sample : VSTD10071
 Misc : 5.0 mL/MSVOA V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD10071

Quant Time: Nov 16 04:00:10 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM111518WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Nov 16 03:55:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	279705	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	254047	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	122560	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	186684	166.22	ug/L	0.00
7) Chloroethane-d5	1.56	69	117532	133.96	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	315169	134.73	ug/L	0.00
21) 2-Butanone-d5	3.93	46	320920	211.28	ug/L	0.00
24) Chloroform-d	4.41	84	400119	125.82	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.09	65	255146	124.50	ug/L	0.00
32) Benzene-d6	5.10	84	814841	140.04	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	257939	130.47	ug/L	0.00
41) Toluene-d8	7.36	98	740300	141.32	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.67	79	131421	143.22	ug/L	0.00
47) 2-Hexanone-d5	8.13	63	243852	225.32	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.26	84	345595	118.62	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.68	152	272219	122.70	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	208702	95.831 ug/L	99
3) Chloromethane	1.25	50	194699	89.609 ug/L	100
5) Vinyl chloride	1.32	62	192659	96.657 ug/L	98
6) Bromomethane	1.52	94	56848	93.870 ug/L	97
8) Chloroethane	1.58	64	99126	92.378 ug/L	99
9) Trichlorofluoromethane	1.76	101	255056	97.109 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	143222	98.988 ug/L	99
12) 1,1-Dichloroethene	2.14	96	131209	97.535 ug/L	97
13) Acetone	2.19	43	225219	162.687 ug/L	98
14) Carbon disulfide	2.32	76	534212	96.500 ug/L	99
15) Methyl Acetate	2.46	43	227923	90.145 ug/L	99
16) Methylene chloride	2.54	84	198375	94.133 ug/L	98
17) trans-1,2-Dichloroethene	2.79	96	185363	96.528 ug/L	99
18) Methyl tert-butyl Ether	2.81	73	629903	95.424 ug/L	100
19) 1,1-Dichloroethane	3.23	63	356104	93.791 ug/L	98
20) cis-1,2-Dichloroethene	3.96	96	210877	95.805 ug/L	98
22) 2-Butanone	4.02	43	335632	176.354 ug/L	99
23) Bromochloromethane	4.30	128	100935	97.516 ug/L	95
25) Chloroform	4.43	83	365962	95.133 ug/L	96
27) 1,2-Dichloroethane	5.18	62	284927	93.428 ug/L	99
29) Cyclohexane	4.73	56	348737	99.202 ug/L	99
30) 1,1,1-Trichloroethane	4.66	97	322076	98.544 ug/L	99
31) Carbon tetrachloride	4.88	117	279256	101.379 ug/L	98
33) Benzene	5.15	78	795164	100.066 ug/L	100
34) Trichloroethene	5.96	95	205779	100.211 ug/L	99
35) Methylcyclohexane	6.18	83	354313	104.083 ug/L	97
37) 1,2-Dichloropropane	6.23	63	214346	98.737 ug/L	99
38) Bromodichloromethane	6.56	83	270454	99.307 ug/L	99
39) cis-1,3-Dichloropropene	7.07	75	339700	104.682 ug/L	99
40) 4-Methyl-2-pentanone	7.28	43	596675	190.277 ug/L	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV111518\
 Data File : VV008570.D
 Acq On : 15 Nov 2018 12:43
 Operator : SY/MD
 Sample : VSTD10071
 Misc : 5.0 mL/MSVOA V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD10071

Quant Time: Nov 16 04:00:10 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM111518WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Nov 16 03:55:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.43	91	824066	98.763	ug/L	98
44) trans-1,3-Dichloropropene	7.70	75	313654	105.022	ug/L	99
45) 1,1,2-Trichloroethane	7.89	97	190548	97.690	ug/L	99
46) Tetrachloroethene	8.02	164	148619	101.166	ug/L	97
48) 2-Hexanone	8.19	43	462052	193.738	ug/L	98
49) Dibromochloromethane	8.29	129	212520	104.994	ug/L	99
50) 1,2-Dibromoethane	8.40	107	201644	98.886	ug/L	99
51) Chlorobenzene	8.93	112	520260	99.047	ug/L	99
52) Ethylbenzene	9.06	91	926058	100.089	ug/L	99
53) m,p-Xylene	9.18	106	342486	101.168	ug/L	98
54) o-xylene	9.59	106	334794	98.612	ug/L	99
55) Styrene	9.61	104	566711	102.355	ug/L	100
56) Isopropylbenzene	9.98	105	897566	101.175	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.29	83	320198	99.709	ug/L	99
59) 1,2,3-Trichloropropane	10.32	75	260902	96.437	ug/L	99
61) Bromoform	9.78	173	145434	98.403	ug/L	98
62) 1,3-Dichlorobenzene	11.23	146	390436	95.993	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	394805	97.825	ug/L	100
65) 1,2-Dichlorobenzene	11.69	146	401515	97.254	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	72599	96.039	ug/L	99
67) 1,3,5-Trichlorobenzene	12.69	180	281006	104.920	ug/L	100
68) 1,2,4-trichlorobenzene	13.31	180	240437	115.381	ug/L	98
69) Naphthalene	13.55	128	754234	119.845	ug/L	99
70) 1,2,3-Trichlorobenzene	13.80	180	239778	113.613	ug/L	100

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

