

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV111518\
 Data File : VV008568.D
 Acq On : 15 Nov 2018 11:57
 Operator : SY/MD
 Sample : VSTD01069
 Misc : 5.0 mL/MSVOA V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD01069

Quant Time: Nov 16 03:58:50 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	263626	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	239990	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	102463	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	18530	17.51	ug/L	0.00
7) Chloroethane-d5	1.57	69	12371	14.96	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	31371	14.23	ug/L	0.00
21) 2-Butanone-d5	3.94	46	28658	20.02	ug/L	0.00
24) Chloroform-d	4.41	84	39254	13.10	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.09	65	24977	12.93	ug/L	0.00
32) Benzene-d6	5.10	84	77066	14.02	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	25075	13.43	ug/L	0.00
41) Toluene-d8	7.36	98	70627	14.27	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.67	79	11669	13.46	ug/L	0.00
47) 2-Hexanone-d5	8.14	63	20844	20.39	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.27	84	32042	11.64	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.68	152	24034	12.96	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	22221	10.826	ug/L 100
3) Chloromethane	1.25	50	20953	10.232	ug/L 98
5) Vinyl chloride	1.33	62	20047	10.671	ug/L 98
6) Bromomethane	1.52	94	6056	10.610	ug/L 97
8) Chloroethane	1.59	64	10841	10.719	ug/L 96
9) Trichlorofluoromethane	1.76	101	26060	10.527	ug/L 96
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	14607	10.711	ug/L 97
12) 1,1-Dichloroethene	2.14	96	12887	10.164	ug/L 97
13) Acetone	2.19	43	25895	19.846	ug/L 100
14) Carbon disulfide	2.32	76	52811	10.122	ug/L 100
15) Methyl Acetate	2.46	43	22595	9.482	ug/L 99
16) Methylene chloride	2.54	84	21055	10.600	ug/L 99
17) trans-1,2-Dichloroethene	2.79	96	18699	10.331	ug/L 95
18) Methyl tert-butyl Ether	2.81	73	63882	10.268	ug/L 99
19) 1,1-Dichloroethane	3.23	63	35040	9.792	ug/L 97
20) cis-1,2-Dichloroethene	3.96	96	21554	10.390	ug/L 100
22) 2-Butanone	4.02	43	33416	18.629	ug/L 75
23) Bromochloromethane	4.30	128	9916	10.164	ug/L 96
25) Chloroform	4.43	83	41256	11.379	ug/L 96
27) 1,2-Dichloroethane	5.19	62	28100	9.776	ug/L 98
29) Cyclohexane	4.73	56	34849	10.494	ug/L 100
30) 1,1,1-Trichloroethane	4.66	97	30652	9.928	ug/L 97
31) Carbon tetrachloride	4.88	117	26987	10.371	ug/L 99
33) Benzene	5.15	78	78766	10.493	ug/L 100
34) Trichloroethene	5.96	95	20181	10.403	ug/L 99
35) Methylcyclohexane	6.18	83	34896	10.851	ug/L 99
37) 1,2-Dichloropropane	6.23	63	21508	10.488	ug/L # 95
38) Bromodichloromethane	6.56	83	26399	10.261	ug/L 99
39) cis-1,3-Dichloropropene	7.07	75	32129	10.481	ug/L 98
40) 4-Methyl-2-pentanone	7.28	43	57388	19.373	ug/L 99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV111518\
 Data File : VV008568.D
 Acq On : 15 Nov 2018 11:57
 Operator : SY/MD
 Sample : VSTD01069
 Misc : 5.0 mL/MSVOA V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD01069

Quant Time: Nov 16 03:58:50 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	81206	10.303	ug/L	98
44) trans-1,3-Dichloropropene	7.70	75	28239	10.009	ug/L	96
45) 1,1,2-Trichloroethane	7.88	97	19018	10.321	ug/L	98
46) Tetrachloroethene	8.02	164	14691	10.586	ug/L	96
48) 2-Hexanone	8.19	43	42592	18.905	ug/L	99
49) Dibromochloromethane	8.29	129	19132	10.006	ug/L	99
50) 1,2-Dibromoethane	8.40	107	20224	10.499	ug/L	94
51) Chlorobenzene	8.93	112	50278	10.133	ug/L	98
52) Ethylbenzene	9.06	91	89412	10.230	ug/L	99
53) m,p-Xylene	9.18	106	31329	9.796	ug/L	91
54) o-xylene	9.59	106	32263	10.060	ug/L	99
55) Styrene	9.61	104	52602	10.057	ug/L	100
56) Isopropylbenzene	9.98	105	86046	10.267	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.29	83	30904	10.187	ug/L	99
59) 1,2,3-Trichloropropane	10.32	75	25632	10.029	ug/L	97
61) Bromoform	9.78	173	11965	9.684	ug/L	98
62) 1,3-Dichlorobenzene	11.23	146	35683	10.494	ug/L	97
63) 1,4-Dichlorobenzene	11.32	146	34924	10.351	ug/L	98
65) 1,2-Dichlorobenzene	11.69	146	36791	10.659	ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.48	75	6093	9.641	ug/L	94
67) 1,3,5-Trichlorobenzene	12.69	180	22553	10.072	ug/L	97
68) 1,2,4-trichlorobenzene	13.31	180	16355	9.388	ug/L	96
69) Naphthalene	13.56	128	43584	8.284	ug/L	98
70) 1,2,3-Trichlorobenzene	13.80	180	16927	9.594	ug/L	96

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

