

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW111918\
 Data File : VW006938.D
 Acq On : 19 Nov 2018 10:49
 Operator : SY/AP
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02594

Quant Time: Nov 20 06:03:54 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111418S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Nov 16 23:51:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	166706	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	161500	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	80186	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	33836	22.86	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.44%
7) Chloroethane-d5	2.89	69	26048	24.22	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.88%
10) 1,1-Dichloroethene-d2	4.02	63	92977	23.52	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	94.08%
20) 2-Butanone-d5	7.09	46	34417	42.20	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.40%
24) Chloroform-d	7.65	84	84502	22.90	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.60%
26) 1,2-Dichloroethane-d4	8.31	65	52949	25.42	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.68%
29) Benzene-d6	8.27	84	184424	21.84	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	87.36%
33) 1,2-Dichloropropane-d6	9.27	67	56422	21.83	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	87.32%
37) Toluene-d8	10.32	98	194883	22.54	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.16%
38) trans-1,3-Dichloropropene-	10.58	79	24926	22.45	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.80%
39) 2-Hexanone-d5	10.93	63	26814	41.64	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.28%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	51460	23.01	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	92.04%
61) 1,2-Dichlorobenzene-d4	13.86	152	69937	23.03	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.12%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.00	85	58781	25.283	ug/L 99
3) Chloromethane	2.21	50	45713	25.191	ug/L 97
5) Vinyl chloride	2.36	62	46022	24.932	ug/L 99
6) Bromomethane	2.78	94	21332	25.705	ug/L 100
8) Chloroethane	2.92	64	25026	25.158	ug/L 96
9) Trichlorofluoromethane	3.26	101	87758	26.749	ug/L 99
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	55557	25.316	ug/L 97
12) 1,1-Dichloroethene	4.04	96	47958	25.181	ug/L 91
13) Acetone	4.14	43	25139	47.841	ug/L 68
14) Carbon disulfide	4.38	76	167167	24.382	ug/L 99
15) Methyl Acetate	4.68	43	28638	22.382	ug/L 100
16) Methylene chloride	4.92	84	61263	21.016	ug/L 100
17) Methyl tert-butyl Ether	5.43	73	136405	26.599	ug/L 99
18) trans-1,2-Dichloroethene	5.43	96	54466	25.050	ug/L 97
19) 1,1-Dichloroethane	6.22	63	91050	25.653	ug/L 98
21) 2-Butanone	7.18	43	40706	44.898	ug/L 99
22) cis-1,2-Dichloroethene	7.17	96	57365	25.838	ug/L 100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW111918\
 Data File : VW006938.D
 Acq On : 19 Nov 2018 10:49
 Operator : SY/AP
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02594

Quant Time: Nov 20 06:03:54 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111418S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Nov 16 23:51:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.52	128	25047	27.678	ug/L	93
25) Chloroform	7.68	83	99981	24.363	ug/L	99
27) 1,2-Dichloroethane	8.40	62	66893	27.719	ug/L	98
30) Cyclohexane	7.96	56	99397	23.214	ug/L	99
31) 1,1,1-Trichloroethane	7.88	97	91245	25.388	ug/L	99
32) Carbon tetrachloride	8.07	117	81462	25.789	ug/L	99
34) Benzene	8.32	78	219125	24.262	ug/L	100
35) Trichloroethene	9.09	95	60045	24.408	ug/L	98
36) Methylcyclohexane	9.34	83	109412	23.139	ug/L	98
40) 1,2-Dichloropropane	9.37	63	54796	24.626	ug/L	99
41) Bromodichloromethane	9.65	83	73069	26.767	ug/L	93
42) cis-1,3-Dichloropropene	10.07	75	85429	25.429	ug/L	100
43) 4-Methyl-2-pentanone	10.21	43	84160	48.269	ug/L	99
44) Toluene	10.39	91	260292	25.170	ug/L	100
45) trans-1,3-Dichloropropene	10.61	75	72499	25.536	ug/L	96
46) 1,1,2-Trichloroethane	10.79	97	42839	25.146	ug/L	98
47) Tetrachloroethene	10.87	164	48322	25.690	ug/L	95
49) 2-Hexanone	10.97	43	63729	49.368	ug/L	98
50) Dibromochloromethane	11.13	129	50699	27.578	ug/L	95
51) 1,2-Dibromoethane	11.24	107	41849	25.828	ug/L	98
52) Chlorobenzene	11.66	112	167121	25.694	ug/L	100
53) Ethylbenzene	11.73	91	302401	24.570	ug/L	96
54) m,p-Xylene	11.84	106	118996	25.279	ug/L	97
55) o-xylene	12.17	106	111550	25.871	ug/L	96
56) Styrene	12.18	104	188826	26.418	ug/L	98
57) Isopropylbenzene	12.47	105	300827	24.921	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.72	83	54143	25.050	ug/L	99
59) 1,2,3-Trichloropropane	12.77	75	41980	24.940	ug/L	99
62) Bromoform	12.35	173	29111	28.930	ug/L	99
63) 1,3-Dichlorobenzene	13.51	146	133070	25.599	ug/L	98
64) 1,4-Dichlorobenzene	13.58	146	133086	25.648	ug/L	97
65) 1,2-Dichlorobenzene	13.88	146	121680	26.027	ug/L	97
66) 1,2-Dibromo-3-chloropropan	14.49	75	10434	24.075	ug/L	87
67) 1,3,5-Trichlorobenzene	14.63	180	87662	24.816	ug/L	98
68) 1,2,4-trichlorobenzene	15.14	180	73804	25.638	ug/L	99
69) Naphthalene	15.38	128	166287	24.097	ug/L	99
70) 1,2,3-Trichlorobenzene	15.57	180	65182	25.469	ug/L	100

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW111918\
Data File : VW006938.D
Acq On : 19 Nov 2018 10:49
Operator : SY/AP
Sample : VSTDCCC025
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD02594

Quant Time: Nov 20 06:03:54 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111418S.M
Quant Title : VOC Analysis
QLast Update : Fri Nov 16 23:51:03 2018
Response via : Initial Calibration

