

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW021920\
 Data File : VW015013.D
 Acq On : 19 Feb 2020 18:49
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02524

Quant Time: Feb 20 04:09:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM020520S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Feb 20 03:31:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	738615	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	695853	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	321477	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	271801	22.23	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.92%
7) Chloroethane-d5	2.89	69	244917	25.02	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.08%
10) 1,1-Dichloroethene-d2	4.02	63	567957	25.42	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	101.68%
20) 2-Butanone-d5	7.07	46	230556	67.19	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	134.38%
24) Chloroform-d	7.65	84	561636	26.78	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	107.12%
26) 1,2-Dichloroethane-d4	8.30	65	336313	28.98	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	115.92%
29) Benzene-d6	8.27	84	1081734	24.17	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.68%
33) 1,2-Dichloropropane-d6	9.27	67	382421	26.23	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	104.92%
37) Toluene-d8	10.32	98	921673	23.40	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.60%
38) trans-1,3-Dichloropropene-	10.57	79	147539	25.62	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	102.48%
39) 2-Hexanone-d5	10.92	63	162418	61.10	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	122.20%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	302998	27.59	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	110.36%
61) 1,2-Dichlorobenzene-d4	13.85	152	275403	22.09	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.36%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	2.01	85	175796	23.151	ug/L 94
3) Chloromethane	2.21	50	309477	26.896	ug/L 100
5) Vinyl chloride	2.36	62	383454	25.523	ug/L 98
6) Bromomethane	2.78	94	178051	23.701	ug/L 97
8) Chloroethane	2.92	64	220335	26.804	ug/L 99
9) Trichlorofluoromethane	3.25	101	156581	25.782	ug/L 97
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	278976	26.022	ug/L 92
12) 1,1-Dichloroethene	4.04	96	261932	24.999	ug/L 93
13) Acetone	4.12	43	186268	52.586	ug/L 98
14) Carbon disulfide	4.38	76	798270	25.375	ug/L 99
15) Methyl Acetate	4.67	43	196294	33.676	ug/L 95
16) Methylene chloride	4.91	84	316760	23.540	ug/L 87
17) Methyl tert-butyl Ether	5.42	73	377019	27.543	ug/L 95
18) trans-1,2-Dichloroethene	5.42	96	263639	24.834	ug/L 86
19) 1,1-Dichloroethane	6.21	63	628493	29.223	ug/L 99
21) 2-Butanone	7.16	43	267216	64.433	ug/L 94
22) cis-1,2-Dichloroethene	7.16	96	294388	25.638	ug/L 84

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW021920\
 Data File : VW015013.D
 Acq On : 19 Feb 2020 18:49
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02524

Quant Time: Feb 20 04:09:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM020520S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Feb 20 03:31:47 2020
 Response via : Initial Calibration

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

23) Bromochloromethane	7.51	128	116234	24.673	ug/L #	76
25) Chloroform	7.67	83	564490	28.573	ug/L	100
27) 1,2-Dichloroethane	8.40	62	416521	30.580	ug/L	97
30) Cyclohexane	7.95	56	570096	27.496	ug/L	92
31) 1,1,1-Trichloroethane	7.87	97	419749	26.455	ug/L	96
32) Carbon tetrachloride	8.07	117	366966	25.729	ug/L	99
34) Benzene	8.32	78	1281705	26.786	ug/L	100
35) Trichloroethene	9.09	95	292755	24.682	ug/L	95
36) Methylcyclohexane	9.33	83	523735	25.349	ug/L	92
40) 1,2-Dichloropropane	9.37	63	368449	28.774	ug/L	98
41) Bromodichloromethane	9.64	83	414113	28.218	ug/L	98
42) cis-1,3-Dichloropropene	10.07	75	503572	27.695	ug/L	98
43) 4-Methyl-2-pentanone	10.21	43	568921	67.757	ug/L	95
44) Toluene	10.38	91	1271056	26.166	ug/L	100
45) trans-1,3-Dichloropropene	10.60	75	420748	28.735	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	225559	26.758	ug/L	97
47) Tetrachloroethene	10.86	164	189563	21.751	ug/L	92
49) 2-Hexanone	10.96	43	400948	67.982	ug/L #	94
50) Dibromochloromethane	11.13	129	234256	25.857	ug/L	99
51) 1,2-Dibromoethane	11.23	107	201994	25.754	ug/L	98
52) Chlorobenzene	11.65	112	734072	24.716	ug/L	93
53) Ethylbenzene	11.73	91	1418631	26.695	ug/L	98
54) m,p-Xylene	11.83	106	496939	25.600	ug/L	93
55) o-xylene	12.16	106	473280	25.618	ug/L	95
56) Styrene	12.18	104	844920	27.060	ug/L	95
57) Isopropylbenzene	12.46	105	1308937	26.382	ug/L	97
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	309386	29.405	ug/L	98
59) 1,2,3-Trichloropropane	12.77	75	235295	29.724	ug/L	99
62) Bromoform	12.35	173	122725	25.043	ug/L	99
63) 1,3-Dichlorobenzene	13.50	146	523626	24.113	ug/L	98
64) 1,4-Dichlorobenzene	13.58	146	531168	24.283	ug/L	98
65) 1,2-Dichlorobenzene	13.87	146	486661	24.502	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.48	75	50980	30.102	ug/L	89
67) 1,3,5-Trichlorobenzene	14.63	180	368236	23.677	ug/L	98
68) 1,2,4-trichlorobenzene	15.13	180	293089	23.851	ug/L	99
69) Naphthalene	15.36	128	649901	26.887	ug/L	99
70) 1,2,3-Trichlorobenzene	15.55	180	273636	24.117	ug/L	98

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW021920\
Data File : VW015013.D
Acq On : 19 Feb 2020 18:49
Operator : SY/VA
Sample : VSTDCCC025EC
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD02524

Quant Time: Feb 20 04:09:03 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM020520S.M
Quant Title : VOC Analysis
QLast Update : Thu Feb 20 03:31:47 2020
Response via : Initial Calibration

