

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW061820\
 Data File : VW015626.D
 Acq On : 18 Jun 2020 09:54
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02512

Quant Time: Jun 19 07:25:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM052620S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jun 18 15:47:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	349277	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	320778	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	168034	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	61056	19.08	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.32%
7) Chloroethane-d5	2.89	69	74233	23.32	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.28%
10) 1,1-Dichloroethene-d2	4.02	63	165559	21.23	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	84.92%
20) 2-Butanone-d5	7.08	46	51760	49.53	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.06%
24) Chloroform-d	7.65	84	190606	23.60	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.40%
26) 1,2-Dichloroethane-d4	8.30	65	104089	23.16	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.64%
29) Benzene-d6	8.27	84	349331	22.21	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.84%
33) 1,2-Dichloropropane-d6	9.27	67	107411	22.47	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.88%
37) Toluene-d8	10.32	98	332845	21.76	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.04%
38) trans-1,3-Dichloropropene-	10.58	79	44409	20.08	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	80.32%
39) 2-Hexanone-d5	10.93	63	42308	51.12	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.24%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	90819	25.23	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.92%
61) 1,2-Dichlorobenzene-d4	13.85	152	125536	22.29	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.16%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	2.02	85	73208	23.725	ug/L 99
3) Chloromethane	2.22	50	72921	21.468	ug/L 99
5) Vinyl chloride	2.37	62	120339	23.558	ug/L 100
6) Bromomethane	2.79	94	76991	23.189	ug/L 99
8) Chloroethane	2.93	64	75783	24.371	ug/L 97
9) Trichlorofluoromethane	3.26	101	96927	26.663	ug/L 96
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	103810	24.077	ug/L 100
12) 1,1-Dichloroethene	4.04	96	96707	23.220	ug/L 88
13) Acetone	4.12	43	54326	67.246	ug/L 98
14) Carbon disulfide	4.38	76	282015	20.298	ug/L 99
15) Methyl Acetate	4.67	43	41057	23.491	ug/L 100
16) Methylene chloride	4.92	84	105565	24.626	ug/L 97
17) Methyl tert-butyl Ether	5.43	73	150657	22.795	ug/L 99
18) trans-1,2-Dichloroethene	5.42	96	105025	23.531	ug/L 96
19) 1,1-Dichloroethane	6.22	63	191223	23.820	ug/L 100
21) 2-Butanone	7.17	43	60323	48.607	ug/L 98
22) cis-1,2-Dichloroethene	7.17	96	111092	23.860	ug/L 98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW061820\
 Data File : VW015626.D
 Acq On : 18 Jun 2020 09:54
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02512

Quant Time: Jun 19 07:25:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM052620S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jun 18 15:47:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	48095	23.954	ug/L	99
25) Chloroform	7.68	83	196882	24.356	ug/L	100
27) 1,2-Dichloroethane	8.40	62	131341	24.018	ug/L	100
30) Cyclohexane	7.96	56	173629	21.897	ug/L	99
31) 1,1,1-Trichloroethane	7.87	97	175526	24.459	ug/L	99
32) Carbon tetrachloride	8.07	117	160305	24.355	ug/L	99
34) Benzene	8.32	78	424644	23.672	ug/L	100
35) Trichloroethene	9.09	95	114390	23.739	ug/L	99
36) Methylcyclohexane	9.34	83	196047	22.812	ug/L	100
40) 1,2-Dichloropropane	9.37	63	104506	23.657	ug/L	100
41) Bromodichloromethane	9.65	83	139523	23.641	ug/L	99
42) cis-1,3-Dichloropropene	10.07	75	163822	23.174	ug/L	99
43) 4-Methyl-2-pentanone	10.21	43	120148	46.397	ug/L	100
44) Toluene	10.39	91	473424	24.223	ug/L	99
45) trans-1,3-Dichloropropene	10.61	75	144171	23.435	ug/L	97
46) 1,1,2-Trichloroethane	10.79	97	75758	24.512	ug/L	99
47) Tetrachloroethene	10.87	164	94001	24.610	ug/L	98
49) 2-Hexanone	10.97	43	88580	50.678	ug/L	99
50) Dibromochloromethane	11.13	129	89642	23.873	ug/L	94
51) 1,2-Dibromoethane	11.24	107	71453	24.082	ug/L	98
52) Chlorobenzene	11.66	112	299097	24.398	ug/L	98
53) Ethylbenzene	11.73	91	550435	24.527	ug/L	97
54) m,p-Xylene	11.84	106	208580	24.769	ug/L	97
55) o-xylene	12.17	106	199061	24.903	ug/L	97
56) Styrene	12.18	104	337400	24.703	ug/L	100
57) Isopropylbenzene	12.46	105	557997	25.060	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	12.72	83	90826	25.384	ug/L	100
59) 1,2,3-Trichloropropane	12.77	75	66610	24.552	ug/L	99
62) Bromoform	12.35	173	51734	22.097	ug/L	98
63) 1,3-Dichlorobenzene	13.50	146	243138	23.646	ug/L	95
64) 1,4-Dichlorobenzene	13.58	146	241131	23.934	ug/L	96
65) 1,2-Dichlorobenzene	13.87	146	216806	24.264	ug/L	96
66) 1,2-Dibromo-3-chloropropan	14.49	75	14335	21.148	ug/L	96
67) 1,3,5-Trichlorobenzene	14.63	180	178784	25.115	ug/L	99
68) 1,2,4-trichlorobenzene	15.13	180	144216	25.153	ug/L	99
69) Naphthalene	15.37	128	246508	23.678	ug/L	99
70) 1,2,3-Trichlorobenzene	15.56	180	124873	25.600	ug/L	99

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW061820\
Data File : VW015626.D
Acq On : 18 Jun 2020 09:54
Operator : SY/VA
Sample : VSTDCCC025
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD02512

Quant Time: Jun 19 07:25:05 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM052620S.M
Quant Title : VOC Analysis
QLast Update : Thu Jun 18 15:47:36 2020
Response via : Initial Calibration

