

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042920\
 Data File : VW015375.D
 Acq On : 29 Apr 2020 09:49
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02529

Quant Time: Apr 30 08:22:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM042820S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 29 11:01:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	421363	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	379801	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	203547	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	76461	24.92	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.68%
7) Chloroethane-d5	2.89	69	82032	22.97	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.88%
10) 1,1-Dichloroethene-d2	4.01	63	185555	23.93	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	95.72%
20) 2-Butanone-d5	7.09	46	43944	46.61	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.22%
24) Chloroform-d	7.65	84	213083	23.00	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.00%
26) 1,2-Dichloroethane-d4	8.31	65	110759	23.22	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.88%
29) Benzene-d6	8.27	84	411023	23.49	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.96%
33) 1,2-Dichloropropane-d6	9.27	67	114148	23.32	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.28%
37) Toluene-d8	10.32	98	418303	23.43	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.72%
38) trans-1,3-Dichloropropene-	10.57	79	57860	23.09	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.36%
39) 2-Hexanone-d5	10.92	63	43033	48.14	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.28%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	100642	24.29	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.16%
61) 1,2-Dichlorobenzene-d4	13.85	152	164926	23.32	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.28%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	2.01	85	90786	22.874	ug/L 98
3) Chloromethane	2.21	50	75433	23.212	ug/L 98
5) Vinyl chloride	2.37	62	119549	30.465	ug/L 97
6) Bromomethane	2.79	94	96005	26.029	ug/L 99
8) Chloroethane	2.93	64	80947	26.583	ug/L 99
9) Trichlorofluoromethane	3.26	101	110919	24.135	ug/L 100
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	128904	26.565	ug/L 97
12) 1,1-Dichloroethene	4.03	96	123520	26.057	ug/L 96
13) Acetone	4.14	43	35875	45.173	ug/L 99
14) Carbon disulfide	4.37	76	336855	26.033	ug/L 99
15) Methyl Acetate	4.68	43	37446	23.643	ug/L 100
16) Methylene chloride	4.91	84	118163	22.020	ug/L 99
17) Methyl tert-butyl Ether	5.43	73	170698	24.350	ug/L 99
18) trans-1,2-Dichloroethene	5.42	96	130790	25.182	ug/L 100
19) 1,1-Dichloroethane	6.21	63	203213	25.121	ug/L 98
21) 2-Butanone	7.18	43	51632	42.986	ug/L 96
22) cis-1,2-Dichloroethene	7.17	96	140710	25.089	ug/L 98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042920\
 Data File : VW015375.D
 Acq On : 29 Apr 2020 09:49
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02529

Quant Time: Apr 30 08:22:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM042820S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 29 11:01:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	66154	24.568	ug/L	91
25) Chloroform	7.67	83	230270	25.026	ug/L	99
27) 1,2-Dichloroethane	8.40	62	146487	25.103	ug/L	100
30) Cyclohexane	7.95	56	188609	25.939	ug/L	99
31) 1,1,1-Trichloroethane	7.87	97	210323	25.740	ug/L	100
32) Carbon tetrachloride	8.07	117	205882	26.058	ug/L	98
34) Benzene	8.32	78	498039	25.585	ug/L	100
35) Trichloroethene	9.09	95	145207	25.929	ug/L	99
36) Methylcyclohexane	9.34	83	244454	25.893	ug/L	99
40) 1,2-Dichloropropane	9.37	63	111101	25.150	ug/L	100
41) Bromodichloromethane	9.64	83	173052	25.592	ug/L	99
42) cis-1,3-Dichloropropene	10.07	75	197296	25.509	ug/L	99
43) 4-Methyl-2-pentanone	10.21	43	127612	42.838	ug/L	100
44) Toluene	10.38	91	583149	25.813	ug/L	100
45) trans-1,3-Dichloropropene	10.60	75	176299	25.644	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	95851	25.281	ug/L	98
47) Tetrachloroethene	10.86	164	137934	25.817	ug/L	98
49) 2-Hexanone	10.97	43	84330	51.705	ug/L	99
50) Dibromochloromethane	11.13	129	128453	25.051	ug/L	99
51) 1,2-Dibromoethane	11.23	107	94994	25.130	ug/L	99
52) Chlorobenzene	11.66	112	388521	25.518	ug/L	97
53) Ethylbenzene	11.73	91	666487	25.508	ug/L	100
54) m,p-Xylene	11.83	106	270165	26.120	ug/L	95
55) o-xylene	12.16	106	252689	25.465	ug/L	100
56) Styrene	12.18	104	432565	25.965	ug/L	97
57) Isopropylbenzene	12.46	105	710613	26.301	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	106973	25.366	ug/L	96
59) 1,2,3-Trichloropropane	12.77	75	77840	25.310	ug/L	100
62) Bromoform	12.35	173	84828	25.359	ug/L	99
63) 1,3-Dichlorobenzene	13.50	146	338141	26.143	ug/L	95
64) 1,4-Dichlorobenzene	13.58	146	329533	25.752	ug/L	97
65) 1,2-Dichlorobenzene	13.87	146	295991	25.491	ug/L	96
66) 1,2-Dibromo-3-chloropropan	14.48	75	18785	24.727	ug/L	93
67) 1,3,5-Trichlorobenzene	14.63	180	255226	25.526	ug/L	100
68) 1,2,4-trichlorobenzene	15.13	180	213801	26.017	ug/L	97
69) Naphthalene	15.36	128	345747	25.166	ug/L	100
70) 1,2,3-Trichlorobenzene	15.55	180	178118	25.100	ug/L	99

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

