

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW060320\
 Data File : VW015528.D
 Acq On : 03 Jun 2020 09:23
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02519

Quant Time: Jun 04 06:13:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM052620S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jun 03 03:48:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	353758	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	315543	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	155013	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	90310	27.86	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	111.44%
7) Chloroethane-d5	2.90	69	91527	28.39	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	113.56%
10) 1,1-Dichloroethene-d2	4.02	63	203429	25.75	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	103.00%
20) 2-Butanone-d5	7.08	46	60940	57.58	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	115.16%
24) Chloroform-d	7.65	84	209547	25.61	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.44%
26) 1,2-Dichloroethane-d4	8.31	65	117446	25.81	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	103.24%
29) Benzene-d6	8.27	84	396310	25.61	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	102.44%
33) 1,2-Dichloropropane-d6	9.27	67	119379	25.38	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.52%
37) Toluene-d8	10.32	98	372137	24.73	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.92%
38) trans-1,3-Dichloropropene-	10.58	79	54393	25.00	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	100.00%
39) 2-Hexanone-d5	10.93	63	49096	60.30	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	120.60%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	98183	27.73	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	110.92%
61) 1,2-Dichlorobenzene-d4	13.85	152	131554	25.32	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.28%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	2.01	85	79580	25.464	ug/L 100
3) Chloromethane	2.22	50	78426	22.796	ug/L 100
5) Vinyl chloride	2.37	62	124283	24.022	ug/L 97
6) Bromomethane	2.79	94	79534	23.651	ug/L 99
8) Chloroethane	2.93	64	76130	24.173	ug/L 100
9) Trichlorofluoromethane	3.27	101	92109	25.017	ug/L 98
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	103624	23.730	ug/L 97
12) 1,1-Dichloroethene	4.04	96	100598	23.849	ug/L 96
13) Acetone	4.12	43	51655	63.130	ug/L 100
14) Carbon disulfide	4.39	76	321036	22.814	ug/L 99
15) Methyl Acetate	4.67	43	47600	26.889	ug/L 99
16) Methylene chloride	4.92	84	103304	23.793	ug/L 97
17) Methyl tert-butyl Ether	5.43	73	162529	24.280	ug/L 100
18) trans-1,2-Dichloroethene	5.43	96	106412	23.540	ug/L 95
19) 1,1-Dichloroethane	6.22	63	191658	23.571	ug/L 100
21) 2-Butanone	7.17	43	66138	52.618	ug/L 99
22) cis-1,2-Dichloroethene	7.17	96	110208	23.370	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	49441	24.313	ug/L	97
25) Chloroform	7.68	83	195112	23.831	ug/L	99
27) 1,2-Dichloroethane	8.40	62	136420	24.630	ug/L	100
30) Cyclohexane	7.96	56	182700	23.423	ug/L	100
31) 1,1,1-Trichloroethane	7.87	97	172695	24.464	ug/L	99
32) Carbon tetrachloride	8.07	117	158814	24.529	ug/L	100
34) Benzene	8.32	78	426993	24.197	ug/L	100
35) Trichloroethene	9.09	95	114567	24.170	ug/L	99
36) Methylcyclohexane	9.34	83	200322	23.696	ug/L	100
40) 1,2-Dichloropropane	9.37	63	105592	24.299	ug/L	99
41) Bromodichloromethane	9.65	83	140194	24.149	ug/L	99
42) cis-1,3-Dichloropropene	10.07	75	170595	24.532	ug/L	99
43) 4-Methyl-2-pentanone	10.21	43	134564	52.826	ug/L	99
44) Toluene	10.39	91	466877	24.285	ug/L	100
45) trans-1,3-Dichloropropene	10.61	75	151138	24.975	ug/L	98
46) 1,1,2-Trichloroethane	10.79	97	77289	25.423	ug/L	94
47) Tetrachloroethene	10.87	164	92222	24.544	ug/L	99
49) 2-Hexanone	10.97	43	97662	56.801	ug/L	98
50) Dibromochloromethane	11.13	129	93613	25.344	ug/L	97
51) 1,2-Dibromoethane	11.24	107	74694	25.592	ug/L	93
52) Chlorobenzene	11.66	112	292128	24.225	ug/L	99
53) Ethylbenzene	11.73	91	528132	23.924	ug/L	99
54) m,p-Xylene	11.84	106	201213	24.290	ug/L	97
55) o-xylene	12.17	106	189463	24.096	ug/L	95
56) Styrene	12.18	104	323224	24.058	ug/L	100
57) Isopropylbenzene	12.46	105	528398	24.124	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	94477	26.842	ug/L	99
59) 1,2,3-Trichloropropane	12.77	75	70953	26.586	ug/L	99
62) Bromoform	12.35	173	53899	24.955	ug/L	98
63) 1,3-Dichlorobenzene	13.50	146	225096	23.730	ug/L	99
64) 1,4-Dichlorobenzene	13.58	146	222505	23.940	ug/L	97
65) 1,2-Dichlorobenzene	13.87	146	203433	24.680	ug/L	98
66) 1,2-Dibromo-3-chloropropan	14.49	75	16036	25.645	ug/L	97
67) 1,3,5-Trichlorobenzene	14.63	180	159660	24.312	ug/L	99
68) 1,2,4-trichlorobenzene	15.13	180	128184	24.235	ug/L	99
69) Naphthalene	15.37	128	249061	25.933	ug/L	100
70) 1,2,3-Trichlorobenzene	15.56	180	111873	24.862	ug/L	99

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

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