

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW052220\
 Data File : VW015462.D
 Acq On : 22 May 2020 19:46
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10.0mL/MSVOA W/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02513

Quant Time: May 23 03:57:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM050420S.M
 Quant Title : VOC Analysis
 QLast Update : Sat May 23 03:53:37 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	338264	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	311068	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	156481	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	86904	20.54	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.16%
7) Chloroethane-d5	2.90	69	88783	21.76	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.04%
10) 1,1-Dichloroethene-d2	4.02	63	199266	23.15	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	92.60%
20) 2-Butanone-d5	7.08	46	57603	50.96	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.92%
24) Chloroform-d	7.65	84	217101	25.41	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	101.64%
26) 1,2-Dichloroethane-d4	8.31	65	120107	25.36	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.44%
29) Benzene-d6	8.27	84	420602	24.71	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.84%
33) 1,2-Dichloropropane-d6	9.27	67	126761	24.58	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.32%
37) Toluene-d8	10.32	98	398860	24.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.48%
38) trans-1,3-Dichloropropene-	10.58	79	56476	24.06	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	96.24%
39) 2-Hexanone-d5	10.93	63	47929	50.30	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.60%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	98753	25.42	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	101.68%
61) 1,2-Dichlorobenzene-d4	13.85	152	138120	25.17	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.68%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	2.01	85	56069	18.887	ug/L 93
3) Chloromethane	2.21	50	63970	20.138	ug/L 99
5) Vinyl chloride	2.37	62	108061	21.894	ug/L 100
6) Bromomethane	2.79	94	73713	21.708	ug/L 100
8) Chloroethane	2.93	64	72367	21.936	ug/L 96
9) Trichlorofluoromethane	3.26	101	77529	21.547	ug/L 99
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	98810	24.647	ug/L 96
12) 1,1-Dichloroethene	4.04	96	97051	23.920	ug/L 95
13) Acetone	4.12	43	40412	47.209	ug/L 99
14) Carbon disulfide	4.38	76	283105	22.464	ug/L 99
15) Methyl Acetate	4.67	43	45881	24.505	ug/L 97
16) Methylene chloride	4.92	84	107910	22.275	ug/L 98
17) Methyl tert-butyl Ether	5.43	73	176538	26.764	ug/L 100
18) trans-1,2-Dichloroethene	5.43	96	109111	24.954	ug/L 97
19) 1,1-Dichloroethane	6.21	63	206044	25.020	ug/L 99
21) 2-Butanone	7.17	43	64993	50.501	ug/L 99
22) cis-1,2-Dichloroethene	7.17	96	121188	25.716	ug/L 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	51794	26.370	ug/L	97
25) Chloroform	7.68	83	212167	26.060	ug/L	100
27) 1,2-Dichloroethane	8.40	62	145139	26.199	ug/L	99
30) Cyclohexane	7.96	56	185629	22.813	ug/L	98
31) 1,1,1-Trichloroethane	7.87	97	179439	25.704	ug/L	100
32) Carbon tetrachloride	8.07	117	160759	25.304	ug/L	100
34) Benzene	8.32	78	455933	25.053	ug/L	100
35) Trichloroethene	9.09	95	121001	24.811	ug/L	98
36) Methylcyclohexane	9.34	83	205810	23.767	ug/L	99
40) 1,2-Dichloropropane	9.37	63	115948	25.494	ug/L	100
41) Bromodichloromethane	9.65	83	155417	25.888	ug/L	98
42) cis-1,3-Dichloropropene	10.07	75	186990	25.460	ug/L	100
43) 4-Methyl-2-pentanone	10.21	43	142622	46.805	ug/L	99
44) Toluene	10.39	91	501044	25.191	ug/L	96
45) trans-1,3-Dichloropropene	10.60	75	162554	25.397	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	83720	26.256	ug/L	97
47) Tetrachloroethene	10.87	164	94610	25.860	ug/L	98
49) 2-Hexanone	10.97	43	98591	51.350	ug/L	98
50) Dibromochloromethane	11.13	129	99229	25.724	ug/L	100
51) 1,2-Dibromoethane	11.24	107	79796	26.224	ug/L	98
52) Chlorobenzene	11.66	112	320825	25.567	ug/L	99
53) Ethylbenzene	11.73	91	580740	25.035	ug/L	99
54) m,p-Xylene	11.84	106	217886	25.142	ug/L	100
55) o-xylene	12.16	106	210751	25.278	ug/L	94
56) Styrene	12.18	104	363518	25.537	ug/L	99
57) Isopropylbenzene	12.46	105	580078	25.187	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	101272	26.700	ug/L	98
59) 1,2,3-Trichloropropane	12.77	75	74658	25.916	ug/L	99
62) Bromoform	12.35	173	57799	25.009	ug/L	96
63) 1,3-Dichlorobenzene	13.50	146	254659	25.593	ug/L	98
64) 1,4-Dichlorobenzene	13.58	146	246008	24.834	ug/L	100
65) 1,2-Dichlorobenzene	13.87	146	227849	26.031	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.48	75	17235	24.429	ug/L	97
67) 1,3,5-Trichlorobenzene	14.63	180	185337	27.089	ug/L	98
68) 1,2,4-trichlorobenzene	15.13	180	149500	26.464	ug/L	99
69) Naphthalene	15.36	128	286722	27.045	ug/L	100
70) 1,2,3-Trichlorobenzene	15.55	180	135456	27.831	ug/L	98

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

