

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111920\
 Data File : VW017381.D
 Acq On : 19 Nov 2020 18:54
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02515

Quant Time: Nov 20 01:22:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111820S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Nov 20 01:18:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	338643	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	319649	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	169676	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	114149	22.77	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.08%
7) Chloroethane-d5	2.89	69	99689	25.03	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.12%
10) 1,1-Dichloroethene-d2	4.02	63	203816	23.24	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	92.96%
20) 2-Butanone-d5	7.09	46	42526	51.65	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.30%
24) Chloroform-d	7.65	84	224072	25.19	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.76%
26) 1,2-Dichloroethane-d4	8.31	65	111205	25.87	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	103.48%
29) Benzene-d6	8.27	84	437582	24.28	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.12%
33) 1,2-Dichloropropane-d6	9.27	67	117357	24.45	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.80%
37) Toluene-d8	10.32	98	414631	24.44	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.76%
38) trans-1,3-Dichloropropene-	10.58	79	52170	24.96	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	99.84%
39) 2-Hexanone-d5	10.93	63	34118	53.00	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.00%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	97047	26.68	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	106.72%
61) 1,2-Dichlorobenzene-d4	13.85	152	153595	24.52	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.08%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	2.01	85	74902	23.805	ug/L	99
3) Chloromethane	2.21	50	84840	24.796	ug/L	97
5) Vinyl chloride	2.36	62	133706	26.607	ug/L	98
6) Bromomethane	2.78	94	97674	25.885	ug/L	100
8) Chloroethane	2.93	64	85505	27.186	ug/L	98
9) Trichlorofluoromethane	3.26	101	111436	24.922	ug/L	99
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	119490	25.750	ug/L	97
12) 1,1-Dichloroethene	4.04	96	114179	25.618	ug/L	98
13) Acetone	4.17	43	28278	47.074	ug/L	96
14) Carbon disulfide	4.39	76	329329	25.157	ug/L	98
15) Methyl Acetate	4.69	43	33828	25.712	ug/L #	68
16) Methylene chloride	4.92	84	128061	22.108	ug/L	98
17) Methyl tert-butyl Ether	5.43	73	134548	25.620	ug/L	100
18) trans-1,2-Dichloroethene	5.43	96	119157	24.980	ug/L	94
19) 1,1-Dichloroethane	6.22	63	187660	25.718	ug/L	99
21) 2-Butanone	7.19	43	42780	46.455	ug/L	99
22) cis-1,2-Dichloroethene	7.17	96	121806	25.142	ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.52	128	58326	25.659	ug/L	93
25) Chloroform	7.68	83	210899	25.843	ug/L	99
27) 1,2-Dichloroethane	8.40	62	125156	26.465	ug/L	100
30) Cyclohexane	7.96	56	157474	24.584	ug/L	99
31) 1,1,1-Trichloroethane	7.87	97	182472	24.392	ug/L	99
32) Carbon tetrachloride	8.07	117	174907	24.497	ug/L	99
34) Benzene	8.32	78	448278	24.825	ug/L	100
35) Trichloroethene	9.09	95	125076	24.486	ug/L	99
36) Methylcyclohexane	9.34	83	199946	24.499	ug/L	99
40) 1,2-Dichloropropane	9.37	63	100970	24.720	ug/L	99
41) Bromodichloromethane	9.65	83	146321	25.507	ug/L	99
42) cis-1,3-Dichloropropene	10.07	75	162466	25.628	ug/L	98
43) 4-Methyl-2-pentanone	10.21	43	97450	48.068	ug/L	100
44) Toluene	10.39	91	500970	25.010	ug/L	98
45) trans-1,3-Dichloropropene	10.61	75	139080	25.894	ug/L	97
46) 1,1,2-Trichloroethane	10.79	97	82082	25.509	ug/L	98
47) Tetrachloroethene	10.86	164	113541	24.516	ug/L	95
49) 2-Hexanone	10.97	43	64111	52.542	ug/L	99
50) Dibromochloromethane	11.13	129	109019	26.498	ug/L	100
51) 1,2-Dibromoethane	11.24	107	80260	25.427	ug/L	99
52) Chlorobenzene	11.66	112	327320	24.540	ug/L	97
53) Ethylbenzene	11.73	91	553559	24.644	ug/L	94
54) m,p-Xylene	11.84	106	215461	24.893	ug/L	88
55) o-xylene	12.17	106	208412	25.374	ug/L	99
56) Styrene	12.18	104	352188	25.865	ug/L	99
57) Isopropylbenzene	12.46	105	570629	25.369	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	92645	26.581	ug/L	99
59) 1,2,3-Trichloropropane	12.77	75	64726	25.716	ug/L	98
62) Bromoform	12.35	173	60154	25.196	ug/L	99
63) 1,3-Dichlorobenzene	13.50	146	262501	23.740	ug/L	94
64) 1,4-Dichlorobenzene	13.58	146	267476	24.516	ug/L	94
65) 1,2-Dichlorobenzene	13.87	146	239807	24.952	ug/L	96
66) 1,2-Dibromo-3-chloropropan	14.49	75	13968	26.076	ug/L	88
67) 1,3,5-Trichlorobenzene	14.63	180	190184	23.641	ug/L	99
68) 1,2,4-trichlorobenzene	15.13	180	155089	25.120	ug/L	96
69) Naphthalene	15.36	128	235254	26.541	ug/L	100
70) 1,2,3-Trichlorobenzene	15.56	180	134537	24.770	ug/L	94

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

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