

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090920\
 Data File : VW016508.D
 Acq On : 09 Sep 2020 19:42
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02516

Quant Time: Sep 10 05:17:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM090320S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 10 05:09:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	659687	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	592702	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	284837	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.37	65	145438	20.78	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.12%
7) Chloroethane-d5	2.90	69	153387	24.41	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.64%
10) 1,1-Dichloroethene-d2	4.04	63	356041	22.12	ug/L	0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	88.48%
20) 2-Butanone-d5	7.08	46	117764	47.11	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.22%
24) Chloroform-d	7.65	84	396039	25.63	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.52%
26) 1,2-Dichloroethane-d4	8.31	65	209594	24.81	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.24%
29) Benzene-d6	8.28	84	746431	24.77	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.08%
33) 1,2-Dichloropropane-d6	9.28	67	219760	24.83	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.32%
37) Toluene-d8	10.33	98	713071	24.90	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	99.60%
38) trans-1,3-Dichloropropene-	10.58	79	107235	24.01	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	96.04%
39) 2-Hexanone-d5	10.93	63	95184	52.61	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.22%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	205943	27.51	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	110.04%
61) 1,2-Dichlorobenzene-d4	13.86	152	265517	26.97	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	107.88%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	2.02	85	157998	21.407	ug/L	92
3) Chloromethane	2.23	50	141111	21.777	ug/L	97
5) Vinyl chloride	2.37	62	206316	24.998	ug/L	98
6) Bromomethane	2.79	94	174040	28.214	ug/L	100
8) Chloroethane	2.94	64	140467	27.666	ug/L	98
9) Trichlorofluoromethane	3.27	101	169774	25.118	ug/L	99
11) 1,1,2-Trichloro-1,2,2-trif	4.08	101	206039	25.773	ug/L	97
12) 1,1-Dichloroethene	4.05	96	205307	25.256	ug/L	98
13) Acetone	4.12	43	78919	49.192	ug/L	99
14) Carbon disulfide	4.39	76	596113	23.996	ug/L	99
15) Methyl Acetate	4.68	43	92718	23.829	ug/L	95
16) Methylene chloride	4.92	84	219185	21.290	ug/L	94
17) Methyl tert-butyl Ether	5.43	73	313081	25.673	ug/L	97
18) trans-1,2-Dichloroethene	5.43	96	214482	24.839	ug/L	94
19) 1,1-Dichloroethane	6.22	63	358875	24.420	ug/L	99
21) 2-Butanone	7.17	43	122420	45.464	ug/L	94
22) cis-1,2-Dichloroethene	7.17	96	233446	25.951	ug/L	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.52	128	106203	25.470	ug/L	92
25) Chloroform	7.68	83	392956	25.834	ug/L	99
27) 1,2-Dichloroethane	8.40	62	259670	25.637	ug/L	100
30) Cyclohexane	7.96	56	317290	22.410	ug/L	92
31) 1,1,1-Trichloroethane	7.88	97	337142	26.269	ug/L	98
32) Carbon tetrachloride	8.07	117	317229	25.842	ug/L	100
34) Benzene	8.33	78	830598	25.631	ug/L	100
35) Trichloroethene	9.10	95	227962	25.387	ug/L	99
36) Methylcyclohexane	9.34	83	380470	24.217	ug/L	95
40) 1,2-Dichloropropane	9.37	63	199637	24.916	ug/L	100
41) Bromodichloromethane	9.65	83	297590	26.566	ug/L	95
42) cis-1,3-Dichloropropene	10.07	75	341889	25.145	ug/L	95
43) 4-Methyl-2-pentanone	10.21	43	272892	48.098	ug/L	97
44) Toluene	10.39	91	955182	26.341	ug/L	99
45) trans-1,3-Dichloropropene	10.61	75	307649	25.313	ug/L	98
46) 1,1,2-Trichloroethane	10.79	97	167904	26.440	ug/L	99
47) Tetrachloroethene	10.87	164	180449	25.064	ug/L	98
49) 2-Hexanone	10.97	43	191374	48.434	ug/L	96
50) Dibromochloromethane	11.13	129	214566	26.721	ug/L	100
51) 1,2-Dibromoethane	11.24	107	169812	26.760	ug/L	96
52) Chlorobenzene	11.66	112	620445	26.972	ug/L	96
53) Ethylbenzene	11.73	91	1061696	25.993	ug/L	97
54) m,p-Xylene	11.84	106	413536	26.491	ug/L	99
55) o-xylene	12.17	106	397929	26.760	ug/L	95
56) Styrene	12.18	104	688011	26.928	ug/L	94
57) Isopropylbenzene	12.47	105	1082362	26.571	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	206481	27.276	ug/L	95
59) 1,2,3-Trichloropropane	12.77	75	151618	26.797	ug/L	100
62) Bromoform	12.35	173	127985	26.777	ug/L	98
63) 1,3-Dichlorobenzene	13.50	146	476281	26.560	ug/L	97
64) 1,4-Dichlorobenzene	13.58	146	475459	26.740	ug/L	95
65) 1,2-Dichlorobenzene	13.87	146	441445	27.695	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.49	75	36505	24.595	ug/L	97
67) 1,3,5-Trichlorobenzene	14.63	180	314434	25.439	ug/L	99
68) 1,2,4-trichlorobenzene	15.13	180	265675	24.851	ug/L	99
69) Naphthalene	15.36	128	616945	27.343	ug/L	100
70) 1,2,3-Trichlorobenzene	15.55	180	243733	26.553	ug/L	98

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

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