

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW041020\
 Data File : VW015184.D
 Acq On : 10 Apr 2020 18:45
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02525

Quant Time: Apr 11 06:29:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM041020S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 10 13:10:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	1134430	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	1009808	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	452372	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	247502	23.07	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.28%
7) Chloroethane-d5	2.89	69	176587	22.45	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.80%
10) 1,1-Dichloroethene-d2	4.03	63	605811	21.32	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	85.28%
20) 2-Butanone-d5	7.08	46	165658	45.14	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.28%
24) Chloroform-d	7.65	84	568473	21.25	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	85.00%
26) 1,2-Dichloroethane-d4	8.31	65	287265	21.68	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	86.72%
29) Benzene-d6	8.27	84	1196799	21.42	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	85.68%
33) 1,2-Dichloropropane-d6	9.27	67	369284	21.38	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	85.52%
37) Toluene-d8	10.32	98	1124026	21.47	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	85.88%
38) trans-1,3-Dichloropropene-	10.58	79	167175	21.21	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.84%
39) 2-Hexanone-d5	10.92	63	140678	45.58	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.16%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	284790	22.55	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	90.20%
61) 1,2-Dichlorobenzene-d4	13.85	152	355111	21.90	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	87.60%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	2.01	85	199350	24.309	ug/L	93
3) Chloromethane	2.21	50	237395	23.319	ug/L	100
5) Vinyl chloride	2.37	62	346072	25.391	ug/L	99
6) Bromomethane	2.78	94	177844	25.228	ug/L	98
8) Chloroethane	2.93	64	167092	24.772	ug/L	99
9) Trichlorofluoromethane	3.26	101	233812	21.642	ug/L	100
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	358431	22.954	ug/L	98
12) 1,1-Dichloroethene	4.04	96	361271	23.419	ug/L	94
13) Acetone	4.12	43	104314	44.845	ug/L	94
14) Carbon disulfide	4.39	76	1184949	23.174	ug/L	100
15) Methyl Acetate	4.67	43	146543	26.242	ug/L	98
16) Methylene chloride	4.92	84	368150	22.889	ug/L	98
17) Methyl tert-butyl Ether	5.43	73	499161	24.124	ug/L	99
18) trans-1,2-Dichloroethene	5.43	96	368865	23.584	ug/L	97
19) 1,1-Dichloroethane	6.21	63	628005	23.308	ug/L	99
21) 2-Butanone	7.17	43	200207	52.788	ug/L	100
22) cis-1,2-Dichloroethene	7.17	96	388335	23.904	ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	165790	24.845	ug/L	95
25) Chloroform	7.68	83	609864	23.285	ug/L	98
27) 1,2-Dichloroethane	8.40	62	377968	23.721	ug/L	100
30) Cyclohexane	7.95	56	637240	22.685	ug/L	100
31) 1,1,1-Trichloroethane	7.87	97	514625	22.501	ug/L	99
32) Carbon tetrachloride	8.07	117	466621	22.303	ug/L	100
34) Benzene	8.32	78	1465584	23.337	ug/L	100
35) Trichloroethene	9.09	95	376185	22.678	ug/L	99
36) Methylcyclohexane	9.34	83	686518	22.788	ug/L	99
40) 1,2-Dichloropropane	9.37	63	366836	23.941	ug/L	100
41) Bromodichloromethane	9.64	83	453036	22.999	ug/L	98
42) cis-1,3-Dichloropropene	10.07	75	574902	23.261	ug/L	98
43) 4-Methyl-2-pentanone	10.21	43	446964	48.974	ug/L	99
44) Toluene	10.38	91	1566509	23.673	ug/L	98
45) trans-1,3-Dichloropropene	10.60	75	493083	23.177	ug/L	98
46) 1,1,2-Trichloroethane	10.79	97	260482	23.865	ug/L	99
47) Tetrachloroethene	10.86	164	277023	23.321	ug/L	99
49) 2-Hexanone	10.96	43	301436	50.121	ug/L	99
50) Dibromochloromethane	11.13	129	308080	24.116	ug/L	96
51) 1,2-Dibromoethane	11.23	107	253058	24.596	ug/L	100
52) Chlorobenzene	11.66	112	962673	23.682	ug/L	98
53) Ethylbenzene	11.73	91	1731395	23.265	ug/L	100
54) m,p-Xylene	11.84	106	672618	23.566	ug/L	95
55) o-xylene	12.16	106	645897	23.677	ug/L	96
56) Styrene	12.18	104	1089695	23.751	ug/L	97
57) Isopropylbenzene	12.46	105	1721760	23.378	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	315821	24.833	ug/L	97
59) 1,2,3-Trichloropropane	12.77	75	229980	24.472	ug/L	100
62) Bromoform	12.35	173	172609	23.832	ug/L	99
63) 1,3-Dichlorobenzene	13.50	146	702288	23.487	ug/L	98
64) 1,4-Dichlorobenzene	13.58	146	676236	23.283	ug/L	99
65) 1,2-Dichlorobenzene	13.87	146	633301	23.849	ug/L	98
66) 1,2-Dibromo-3-chloropropan	14.48	75	51260	23.309	ug/L	92
67) 1,3,5-Trichlorobenzene	14.63	180	484387	23.528	ug/L	100
68) 1,2,4-trichlorobenzene	15.13	180	405643	24.688	ug/L	97
69) Naphthalene	15.36	128	847029	25.732	ug/L	99
70) 1,2,3-Trichlorobenzene	15.55	180	350513	24.501	ug/L	99

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

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