

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090620\
 Data File : VW016487.D
 Acq On : 06 Sep 2020 16:13
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02512

Quant Time: Sep 07 04:53:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM090320S.M
 Quant Title : VOC Analysis
 QLast Update : Mon Sep 07 04:50:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	583020	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	513611	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	247525	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.37	65	127893	20.68	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.72%
7) Chloroethane-d5	2.90	69	123301	22.20	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.80%
10) 1,1-Dichloroethene-d2	4.03	63	302176	21.25	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	85.00%
20) 2-Butanone-d5	7.08	46	75349	34.11	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	68.22%
24) Chloroform-d	7.65	84	308762	22.61	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.44%
26) 1,2-Dichloroethane-d4	8.31	65	154699	20.72	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	82.88%
29) Benzene-d6	8.28	84	585686	22.43	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.72%
33) 1,2-Dichloropropane-d6	9.27	67	167190	21.80	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	87.20%
37) Toluene-d8	10.33	98	572404	23.06	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.24%
38) trans-1,3-Dichloropropene-	10.58	79	77479	20.02	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	80.08%
39) 2-Hexanone-d5	10.93	63	62756	40.03	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	80.06%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	140912	21.72	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	86.88%
61) 1,2-Dichlorobenzene-d4	13.85	152	197641	23.11	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.44%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	2.02	85	149353	22.897	ug/L	98
3) Chloromethane	2.22	50	132437	23.126	ug/L	100
5) Vinyl chloride	2.37	62	189849	26.027	ug/L	100
6) Bromomethane	2.79	94	147248	27.009	ug/L	99
8) Chloroethane	2.93	64	122896	27.388	ug/L	99
9) Trichlorofluoromethane	3.27	101	159595	26.717	ug/L	99
11) 1,1,2-Trichloro-1,2,2-trif	4.08	101	183738	26.005	ug/L	96
12) 1,1-Dichloroethene	4.05	96	183896	25.597	ug/L	97
13) Acetone	4.12	43	55601	39.215	ug/L	98
14) Carbon disulfide	4.39	76	545810	24.860	ug/L	100
15) Methyl Acetate	4.68	43	67608	19.661	ug/L	95
16) Methylene chloride	4.92	84	179010	19.674	ug/L	92
17) Methyl tert-butyl Ether	5.43	73	269101	24.968	ug/L	98
18) trans-1,2-Dichloroethene	5.43	96	194031	25.426	ug/L	93
19) 1,1-Dichloroethane	6.23	63	317863	24.473	ug/L	97
21) 2-Butanone	7.17	43	87473	36.758	ug/L	93
22) cis-1,2-Dichloroethene	7.18	96	202501	25.472	ug/L	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.52	128	92292	25.045	ug/L	94
25) Chloroform	7.68	83	336244	25.012	ug/L	99
27) 1,2-Dichloroethane	8.40	62	210818	23.551	ug/L	100
30) Cyclohexane	7.96	56	300680	24.508	ug/L	96
31) 1,1,1-Trichloroethane	7.88	97	305921	27.507	ug/L	97
32) Carbon tetrachloride	8.07	117	286152	26.900	ug/L	100
34) Benzene	8.33	78	730909	26.028	ug/L	100
35) Trichloroethene	9.10	95	203992	26.216	ug/L	98
36) Methylcyclohexane	9.34	83	353762	25.985	ug/L	95
40) 1,2-Dichloropropane	9.37	63	172638	24.864	ug/L	99
41) Bromodichloromethane	9.65	83	246151	25.358	ug/L	98
42) cis-1,3-Dichloropropene	10.08	75	282327	23.961	ug/L	98
43) 4-Methyl-2-pentanone	10.21	43	208138	42.334	ug/L	97
44) Toluene	10.39	91	831185	26.451	ug/L	97
45) trans-1,3-Dichloropropene	10.61	75	249828	23.721	ug/L	100
46) 1,1,2-Trichloroethane	10.79	97	135110	24.552	ug/L	97
47) Tetrachloroethene	10.87	164	161313	25.856	ug/L	98
49) 2-Hexanone	10.97	43	140278	40.969	ug/L	98
50) Dibromochloromethane	11.13	129	176922	25.426	ug/L	93
51) 1,2-Dibromoethane	11.24	107	132661	24.125	ug/L	95
52) Chlorobenzene	11.66	112	528626	26.519	ug/L	97
53) Ethylbenzene	11.73	91	939625	26.547	ug/L	98
54) m,p-Xylene	11.84	106	361797	26.745	ug/L	96
55) o-xylene	12.17	106	343807	26.681	ug/L	92
56) Styrene	12.18	104	580509	26.220	ug/L	98
57) Isopropylbenzene	12.47	105	959938	27.195	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.72	83	157591	24.023	ug/L	99
59) 1,2,3-Trichloropropane	12.77	75	112264	22.897	ug/L	99
62) Bromoform	12.35	173	97638	23.507	ug/L	99
63) 1,3-Dichlorobenzene	13.50	146	409619	26.285	ug/L	95
64) 1,4-Dichlorobenzene	13.58	146	390804	25.292	ug/L	99
65) 1,2-Dichlorobenzene	13.87	146	371200	26.798	ug/L	96
66) 1,2-Dibromo-3-chloropropan	14.49	75	27355	21.208	ug/L	99
67) 1,3,5-Trichlorobenzene	14.63	180	265652	24.733	ug/L	100
68) 1,2,4-trichlorobenzene	15.13	180	214712	23.111	ug/L	98
69) Naphthalene	15.37	128	466109	23.772	ug/L	100
70) 1,2,3-Trichlorobenzene	15.55	180	188903	23.682	ug/L	99

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

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