

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090620\
 Data File : VW016469.D
 Acq On : 06 Sep 2020 08:17
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02511

Quant Time: Sep 07 04:46:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM090320S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Sep 05 05:03:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	653762	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	571831	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	273294	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	163554	23.58	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.32%
7) Chloroethane-d5	2.90	69	159067	25.54	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	102.16%
10) 1,1-Dichloroethene-d2	4.03	63	373549	23.42	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	93.68%
20) 2-Butanone-d5	7.09	46	84907	34.28	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	68.56%
24) Chloroform-d	7.65	84	370372	24.18	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.72%
26) 1,2-Dichloroethane-d4	8.31	65	178671	21.34	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	85.36%
29) Benzene-d6	8.28	84	721019	24.80	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.20%
33) 1,2-Dichloropropane-d6	9.28	67	203125	23.78	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.12%
37) Toluene-d8	10.33	98	693729	25.11	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	100.44%
38) trans-1,3-Dichloropropene-	10.58	79	96030	22.29	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.16%
39) 2-Hexanone-d5	10.93	63	70264	40.25	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	80.50%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	155500	21.53	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	86.12%
61) 1,2-Dichlorobenzene-d4	13.86	152	237036	25.10	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.40%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	2.02	85	190782	26.083	ug/L	95
3) Chloromethane	2.22	50	154888	24.120	ug/L	98
5) Vinyl chloride	2.37	62	217001	26.531	ug/L	96
6) Bromomethane	2.79	94	174669	28.572	ug/L	99
8) Chloroethane	2.93	64	139936	27.811	ug/L	97
9) Trichlorofluoromethane	3.28	101	203664	30.405	ug/L	98
11) 1,1,2-Trichloro-1,2,2-trif	4.08	101	213057	26.892	ug/L	99
12) 1,1-Dichloroethene	4.05	96	211315	26.231	ug/L	91
13) Acetone	4.15	43	62256	39.158	ug/L	100
14) Carbon disulfide	4.39	76	641551	26.059	ug/L	99
15) Methyl Acetate	4.68	43	68214	17.691	ug/L	96
16) Methylene chloride	4.92	84	196079	19.218	ug/L	95
17) Methyl tert-butyl Ether	5.43	73	287154	23.760	ug/L	97
18) trans-1,2-Dichloroethene	5.43	96	216089	25.252	ug/L	94
19) 1,1-Dichloroethane	6.23	63	350513	24.067	ug/L	97
21) 2-Butanone	7.18	43	87694	32.863	ug/L	94
22) cis-1,2-Dichloroethene	7.17	96	221466	24.843	ug/L	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.52	128	97170	23.515	ug/L	95
25) Chloroform	7.68	83	362351	24.038	ug/L	99
27) 1,2-Dichloroethane	8.40	62	219270	21.844	ug/L	98
30) Cyclohexane	7.96	56	342491	25.073	ug/L	95
31) 1,1,1-Trichloroethane	7.88	97	339161	27.391	ug/L	97
32) Carbon tetrachloride	8.07	117	320398	27.053	ug/L	100
34) Benzene	8.33	78	808730	25.867	ug/L	100
35) Trichloroethene	9.10	95	226399	26.133	ug/L	97
36) Methylcyclohexane	9.34	83	398654	26.301	ug/L	96
40) 1,2-Dichloropropane	9.37	63	186060	24.069	ug/L	99
41) Bromodichloromethane	9.65	83	268791	24.871	ug/L	98
42) cis-1,3-Dichloropropene	10.08	75	318433	24.274	ug/L	97
43) 4-Methyl-2-pentanone	10.21	43	212442	38.810	ug/L	97
44) Toluene	10.39	91	902507	25.797	ug/L	99
45) trans-1,3-Dichloropropene	10.61	75	274033	23.370	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	142353	23.235	ug/L	98
47) Tetrachloroethene	10.87	164	189481	27.279	ug/L	93
49) 2-Hexanone	10.97	43	150687	39.529	ug/L	98
50) Dibromochloromethane	11.13	129	187033	24.142	ug/L	100
51) 1,2-Dibromoethane	11.24	107	141828	23.166	ug/L	99
52) Chlorobenzene	11.66	112	580942	26.177	ug/L	97
53) Ethylbenzene	11.73	91	1023961	25.984	ug/L	98
54) m,p-Xylene	11.84	106	398454	26.456	ug/L	96
55) o-xylene	12.17	106	372221	25.945	ug/L	97
56) Styrene	12.18	104	631095	25.602	ug/L	95
57) Isopropylbenzene	12.46	105	1054027	26.820	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.72	83	159342	21.817	ug/L	100
59) 1,2,3-Trichloropropane	12.77	75	114967	21.061	ug/L	100
62) Bromoform	12.35	173	110496	24.095	ug/L #	98
63) 1,3-Dichlorobenzene	13.50	146	455417	26.469	ug/L	91
64) 1,4-Dichlorobenzene	13.58	146	451617	26.471	ug/L	96
65) 1,2-Dichlorobenzene	13.87	146	389892	25.493	ug/L	98
66) 1,2-Dibromo-3-chloropropan	14.49	75	26507	18.613	ug/L	91
67) 1,3,5-Trichlorobenzene	14.63	180	308854	26.043	ug/L	99
68) 1,2,4-trichlorobenzene	15.13	180	251273	24.496	ug/L	96
69) Naphthalene	15.37	128	476419	22.007	ug/L	100
70) 1,2,3-Trichlorobenzene	15.56	180	199092	22.606	ug/L	97

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

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