

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081120\
 Data File : VW016143.D
 Acq On : 11 Aug 2020 17:59
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02510

Quant Time: Aug 11 18:40:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM081020S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 11 16:06:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	403783	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	379952	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	181983	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	111328	22.24	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.96%
7) Chloroethane-d5	2.89	69	84623	22.27	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.08%
10) 1,1-Dichloroethene-d2	4.02	63	251380	23.64	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	94.56%
20) 2-Butanone-d5	7.09	46	73527	55.82	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	111.64%
24) Chloroform-d	7.65	84	258561	23.86	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.44%
26) 1,2-Dichloroethane-d4	8.30	65	137055	23.81	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.24%
29) Benzene-d6	8.27	84	497621	24.08	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.32%
33) 1,2-Dichloropropane-d6	9.27	67	143103	23.54	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.16%
37) Toluene-d8	10.32	98	458017	24.16	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.64%
38) trans-1,3-Dichloropropene-	10.58	79	67398	24.67	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	98.68%
39) 2-Hexanone-d5	10.93	63	60610	57.80	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	115.60%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	133510	26.98	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	107.92%
61) 1,2-Dichlorobenzene-d4	13.86	152	155746	24.14	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.56%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	2.01	85	115402	28.291	ug/L 97
3) Chloromethane	2.21	50	98237	24.251	ug/L 95
5) Vinyl chloride	2.37	62	131779	24.512	ug/L 99
6) Bromomethane	2.78	94	80281	23.843	ug/L 99
8) Chloroethane	2.93	64	73477	24.271	ug/L 96
9) Trichlorofluoromethane	3.26	101	98596	25.693	ug/L 97
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	137674	25.386	ug/L 99
12) 1,1-Dichloroethene	4.04	96	131014	25.280	ug/L 95
13) Acetone	4.13	43	53583	53.770	ug/L 96
14) Carbon disulfide	4.37	76	410178	25.215	ug/L 99
15) Methyl Acetate	4.67	43	63358	27.040	ug/L 97
16) Methylene chloride	4.92	84	183533	28.786	ug/L 97
17) Methyl tert-butyl Ether	5.43	73	183443	24.979	ug/L 99
18) trans-1,2-Dichloroethene	5.42	96	136012	24.950	ug/L 94
19) 1,1-Dichloroethane	6.21	63	231139	23.964	ug/L 96
21) 2-Butanone	7.18	43	82501	52.237	ug/L 99
22) cis-1,2-Dichloroethene	7.17	96	141239	24.560	ug/L 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	66525	25.205	ug/L	97
25) Chloroform	7.68	83	245987	23.972	ug/L	99
27) 1,2-Dichloroethane	8.40	62	163816	23.966	ug/L	99
30) Cyclohexane	7.96	56	212868	25.749	ug/L	100
31) 1,1,1-Trichloroethane	7.87	97	208641	23.897	ug/L	99
32) Carbon tetrachloride	8.07	117	199776	24.193	ug/L	98
34) Benzene	8.32	78	539787	24.636	ug/L	100
35) Trichloroethene	9.09	95	141818	24.071	ug/L	97
36) Methylcyclohexane	9.34	83	250668	25.827	ug/L	99
40) 1,2-Dichloropropane	9.37	63	132478	24.621	ug/L	100
41) Bromodichloromethane	9.65	83	178167	24.104	ug/L	98
42) cis-1,3-Dichloropropene	10.07	75	206012	25.140	ug/L	99
43) 4-Methyl-2-pentanone	10.21	43	175043	54.087	ug/L	99
44) Toluene	10.39	91	591404	25.570	ug/L	99
45) trans-1,3-Dichloropropene	10.61	75	187284	25.442	ug/L	100
46) 1,1,2-Trichloroethane	10.79	97	106436	25.130	ug/L	98
47) Tetrachloroethene	10.87	164	107215	24.275	ug/L	93
49) 2-Hexanone	10.97	43	124748	57.125	ug/L	99
50) Dibromochloromethane	11.13	129	126476	25.354	ug/L	100
51) 1,2-Dibromoethane	11.24	107	105495	26.273	ug/L	98
52) Chlorobenzene	11.66	112	378997	24.765	ug/L	96
53) Ethylbenzene	11.73	91	667665	25.443	ug/L	99
54) m,p-Xylene	11.84	106	254853	25.817	ug/L	94
55) o-xylene	12.17	106	235608	25.339	ug/L	96
56) Styrene	12.18	104	419562	26.063	ug/L	100
57) Isopropylbenzene	12.46	105	649125	25.893	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.72	83	131775	26.665	ug/L	94
59) 1,2,3-Trichloropropane	12.77	75	98864	26.407	ug/L	100
62) Bromoform	12.35	173	68338	24.833	ug/L	98
63) 1,3-Dichlorobenzene	13.50	146	287853	25.043	ug/L	98
64) 1,4-Dichlorobenzene	13.58	146	280897	23.989	ug/L	97
65) 1,2-Dichlorobenzene	13.87	146	258101	24.491	ug/L	96
66) 1,2-Dibromo-3-chloropropan	14.49	75	22690	24.554	ug/L	93
67) 1,3,5-Trichlorobenzene	14.63	180	184392	25.424	ug/L	98
68) 1,2,4-trichlorobenzene	15.14	180	148498	25.262	ug/L	98
69) Naphthalene	15.37	128	344442	27.760	ug/L	99
70) 1,2,3-Trichlorobenzene	15.56	180	135922	25.452	ug/L	99

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

