

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW040720\
 Data File : VW015162.D
 Acq On : 07 Apr 2020 16:24
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02522

Quant Time: Apr 08 06:13:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM032520S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 08 06:10:31 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	628481	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	573712	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	256780	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	224422	20.68	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.72%
7) Chloroethane-d5	2.89	69	212372	23.73	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.92%
10) 1,1-Dichloroethene-d2	4.03	63	477986	21.91	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	87.64%
20) 2-Butanone-d5	7.07	46	141863	57.42	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	114.84%
24) Chloroform-d	7.65	84	444509	23.67	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.68%
26) 1,2-Dichloroethane-d4	8.31	65	267897	24.63	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.52%
29) Benzene-d6	8.27	84	848616	23.11	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.44%
33) 1,2-Dichloropropane-d6	9.27	67	283426	23.24	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.96%
37) Toluene-d8	10.32	98	751067	24.00	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.00%
38) trans-1,3-Dichloropropene-	10.58	79	112332	24.06	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	96.24%
39) 2-Hexanone-d5	10.92	63	104559	58.04	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	116.08%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	217014	26.01	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	104.04%
61) 1,2-Dichlorobenzene-d4	13.85	152	219197	24.53	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.12%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	2.01	85	109573	22.409	ug/L	99
3) Chloromethane	2.21	50	178729	19.767	ug/L	98
5) Vinyl chloride	2.37	62	295729	23.475	ug/L	98
6) Bromomethane	2.78	94	170324	24.494	ug/L	100
8) Chloroethane	2.93	64	188550	24.585	ug/L	98
9) Trichlorofluoromethane	3.26	101	176528	25.036	ug/L	99
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	237794	24.242	ug/L	100
12) 1,1-Dichloroethene	4.04	96	220346	23.671	ug/L	97
13) Acetone	4.12	43	126586	57.410	ug/L	97
14) Carbon disulfide	4.38	76	770757	22.259	ug/L	99
15) Methyl Acetate	4.67	43	136012	26.113	ug/L	98
16) Methylene chloride	4.92	84	266007	24.763	ug/L	97
17) Methyl tert-butyl Ether	5.43	73	327571	27.100	ug/L	99
18) trans-1,2-Dichloroethene	5.43	96	233908	24.175	ug/L	94
19) 1,1-Dichloroethane	6.21	63	501764	24.200	ug/L	98
21) 2-Butanone	7.17	43	185293	59.332	ug/L	98
22) cis-1,2-Dichloroethene	7.17	96	245488	25.549	ug/L	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	101456	25.719	ug/L	97
25) Chloroform	7.67	83	469878	25.087	ug/L	99
27) 1,2-Dichloroethane	8.40	62	355009	26.392	ug/L	100
30) Cyclohexane	7.96	56	473029	25.270	ug/L	98
31) 1,1,1-Trichloroethane	7.87	97	374202	24.828	ug/L	99
32) Carbon tetrachloride	8.07	117	323963	24.775	ug/L	100
34) Benzene	8.32	78	1047558	24.682	ug/L	100
35) Trichloroethene	9.09	95	250509	24.246	ug/L	97
36) Methylcyclohexane	9.34	83	462008	26.028	ug/L	99
40) 1,2-Dichloropropane	9.37	63	289652	24.747	ug/L	99
41) Bromodichloromethane	9.64	83	337748	25.362	ug/L	99
42) cis-1,3-Dichloropropene	10.07	75	405789	26.386	ug/L	99
43) 4-Methyl-2-pentanone	10.21	43	403181	60.883	ug/L	99
44) Toluene	10.38	91	1093745	26.061	ug/L	99
45) trans-1,3-Dichloropropene	10.60	75	362653	26.968	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	184161	26.766	ug/L	99
47) Tetrachloroethene	10.86	164	166011	24.897	ug/L	98
49) 2-Hexanone	10.97	43	285623	64.672	ug/L	99
50) Dibromochloromethane	11.13	129	190818	26.976	ug/L	95
51) 1,2-Dibromoethane	11.23	107	163415	26.818	ug/L	99
52) Chlorobenzene	11.66	112	621431	25.332	ug/L	99
53) Ethylbenzene	11.73	91	1198236	26.433	ug/L	99
54) m,p-Xylene	11.84	106	427276	26.886	ug/L	98
55) o-xylene	12.16	106	399570	26.819	ug/L	97
56) Styrene	12.18	104	696888	27.484	ug/L	95
57) Isopropylbenzene	12.46	105	1120909	27.307	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	234653	27.249	ug/L	100
59) 1,2,3-Trichloropropane	12.77	75	177681	27.585	ug/L	99
62) Bromoform	12.35	173	100442	26.906	ug/L	100
63) 1,3-Dichlorobenzene	13.50	146	426312	25.332	ug/L	99
64) 1,4-Dichlorobenzene	13.58	146	434950	25.261	ug/L	96
65) 1,2-Dichlorobenzene	13.87	146	394947	25.788	ug/L	97
66) 1,2-Dibromo-3-chloropropan	14.48	75	39068	26.780	ug/L	93
67) 1,3,5-Trichlorobenzene	14.63	180	289128	26.687	ug/L	99
68) 1,2,4-trichlorobenzene	15.13	180	225298	27.590	ug/L	99
69) Naphthalene	15.36	128	492233	31.002	ug/L	99
70) 1,2,3-Trichlorobenzene	15.55	180	214080	28.211	ug/L	99

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

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