

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011620\
 Data File : VW014677.D
 Acq On : 16 Jan 2020 18:23
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.03G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02517

Quant Time: Jan 17 01:22:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122719S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jan 17 01:19:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	1109113	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	988117	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	477855	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	331799	21.22	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.88%
7) Chloroethane-d5	2.89	69	283696	24.63	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.52%
10) 1,1-Dichloroethene-d2	4.03	63	679147	23.75	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	95.00%
20) 2-Butanone-d5	7.07	46	185451	49.85	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.70%
24) Chloroform-d	7.65	84	648962	25.43	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	101.72%
26) 1,2-Dichloroethane-d4	8.31	65	319200	24.11	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.44%
29) Benzene-d6	8.27	84	1379357	26.25	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	105.00%
33) 1,2-Dichloropropane-d6	9.27	67	422013	26.71	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	106.84%
37) Toluene-d8	10.32	98	1269255	26.65	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	106.60%
38) trans-1,3-Dichloropropene-	10.57	79	166931	25.58	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	102.32%
39) 2-Hexanone-d5	10.92	63	152629	56.50	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.00%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	307236	25.90	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	103.60%
61) 1,2-Dichlorobenzene-d4	13.85	152	429431	27.27	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	109.08%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	2.01	85	217273	21.898	ug/L 97
3) Chloromethane	2.21	50	238096	21.226	ug/L 97
5) Vinyl chloride	2.36	62	385819	24.174	ug/L 99
6) Bromomethane	2.78	94	228859	24.556	ug/L 100
8) Chloroethane	2.92	64	223151	25.003	ug/L 100
9) Trichlorofluoromethane	3.25	101	193253	22.892	ug/L 99
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	353528	24.394	ug/L 100
12) 1,1-Dichloroethene	4.04	96	359548	25.335	ug/L 97
13) Acetone	4.12	43	154347	29.964	ug/L 97
14) Carbon disulfide	4.39	76	1018343	23.242	ug/L 100
15) Methyl Acetate	4.67	43	157319	22.633	ug/L 98
16) Methylene chloride	4.92	84	382735	21.162	ug/L 100
17) Methyl tert-butyl Ether	5.42	73	481616	26.366	ug/L 99
18) trans-1,2-Dichloroethene	5.42	96	368582	24.655	ug/L 99
19) 1,1-Dichloroethane	6.21	63	659283	24.397	ug/L 99
21) 2-Butanone	7.17	43	223744	40.484	ug/L 100
22) cis-1,2-Dichloroethene	7.17	96	398958	25.354	ug/L 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	167498	24.589	ug/L	98
25) Chloroform	7.67	83	628604	24.320	ug/L	100
27) 1,2-Dichloroethane	8.40	62	384910	22.940	ug/L	100
30) Cyclohexane	7.95	56	652534	25.816	ug/L	100
31) 1,1,1-Trichloroethane	7.87	97	491500	24.248	ug/L	99
32) Carbon tetrachloride	8.07	117	457438	24.222	ug/L	99
34) Benzene	8.32	78	1504270	25.297	ug/L	100
35) Trichloroethene	9.09	95	379958	24.758	ug/L	97
36) Methylcyclohexane	9.33	83	681290	25.304	ug/L	98
40) 1,2-Dichloropropane	9.37	63	373455	24.813	ug/L	100
41) Bromodichloromethane	9.64	83	439465	24.275	ug/L	99
42) cis-1,3-Dichloropropene	10.07	75	571353	25.413	ug/L	95
43) 4-Methyl-2-pentanone	10.21	43	455028	47.096	ug/L	99
44) Toluene	10.38	91	1595563	25.677	ug/L	97
45) trans-1,3-Dichloropropene	10.60	75	438116	24.371	ug/L	97
46) 1,1,2-Trichloroethane	10.79	97	258572	24.255	ug/L	99
47) Tetrachloroethene	10.86	164	315116	24.454	ug/L	93
49) 2-Hexanone	10.96	43	319393	48.410	ug/L	99
50) Dibromochloromethane	11.13	129	295175	24.385	ug/L	94
51) 1,2-Dibromoethane	11.23	107	245710	24.417	ug/L	95
52) Chlorobenzene	11.65	112	1001443	25.494	ug/L	97
53) Ethylbenzene	11.73	91	1779808	26.050	ug/L	99
54) m,p-Xylene	11.84	106	679952	26.298	ug/L	98
55) o-xylene	12.16	106	642431	26.306	ug/L	100
56) Styrene	12.18	104	1093197	26.595	ug/L	99
57) Isopropylbenzene	12.46	105	1734268	26.697	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	309643	23.923	ug/L	97
59) 1,2,3-Trichloropropane	12.77	75	224944	23.199	ug/L	98
62) Bromoform	12.35	173	168169	23.551	ug/L	98
63) 1,3-Dichlorobenzene	13.50	146	783741	25.906	ug/L	98
64) 1,4-Dichlorobenzene	13.58	146	762787	25.005	ug/L	99
65) 1,2-Dichlorobenzene	13.87	146	703280	25.931	ug/L	95
66) 1,2-Dibromo-3-chloropropan	14.48	75	46499	23.153	ug/L	89
67) 1,3,5-Trichlorobenzene	14.63	180	607960	27.128	ug/L	99
68) 1,2,4-trichlorobenzene	15.13	180	489121	29.115	ug/L	99
69) Naphthalene	15.36	128	911369	31.423	ug/L	99
70) 1,2,3-Trichlorobenzene	15.55	180	434313	28.529	ug/L	99

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

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