

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102519\
 Data File : VW013737.D
 Acq On : 25 Oct 2019 09:20
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02528

Quant Time: Oct 26 03:29:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM101819S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 26 00:53:48 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	317060	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	303019	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	184551	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	93728	24.09	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.36%
7) Chloroethane-d5	2.89	69	82259	22.65	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.60%
10) 1,1-Dichloroethene-d2	4.02	63	207917	24.20	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	96.80%
20) 2-Butanone-d5	7.07	46	70419	50.61	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.22%
24) Chloroform-d	7.64	84	217288	24.49	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.96%
26) 1,2-Dichloroethane-d4	8.31	65	110762	23.87	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.48%
29) Benzene-d6	8.27	84	427717	23.49	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.96%
33) 1,2-Dichloropropane-d6	9.27	67	131426	24.17	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.68%
37) Toluene-d8	10.32	98	394579	23.50	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.00%
38) trans-1,3-Dichloropropene-	10.57	79	58720	23.94	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.76%
39) 2-Hexanone-d5	10.92	63	55964	53.84	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	107.68%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	115256	25.88	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	103.52%
61) 1,2-Dichlorobenzene-d4	13.85	152	152801	23.43	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.72%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	2.01	85	80867	22.676	ug/L 97
3) Chloromethane	2.21	50	78660	20.376	ug/L 96
5) Vinyl chloride	2.37	62	131417	27.241	ug/L 97
6) Bromomethane	2.78	94	84052	24.112	ug/L 99
8) Chloroethane	2.92	64	77013	23.622	ug/L 99
9) Trichlorofluoromethane	3.26	101	76361	23.484	ug/L 97
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	130325	25.453	ug/L 100
12) 1,1-Dichloroethene	4.04	96	131173	26.032	ug/L 95
13) Acetone	4.12	43	69333	44.899	ug/L 96
14) Carbon disulfide	4.38	76	378112	26.224	ug/L 99
15) Methyl Acetate	4.67	43	62195	24.649	ug/L 100
16) Methylene chloride	4.92	84	136033	22.406	ug/L 93
17) Methyl tert-butyl Ether	5.43	73	175136	25.119	ug/L 99
18) trans-1,2-Dichloroethene	5.42	96	138447	24.855	ug/L 92
19) 1,1-Dichloroethane	6.21	63	237851	25.226	ug/L 98
21) 2-Butanone	7.16	43	90592	46.205	ug/L 99
22) cis-1,2-Dichloroethene	7.16	96	149933	25.077	ug/L 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	67526	24.987	ug/L	96
25) Chloroform	7.67	83	236486	24.969	ug/L	99
27) 1,2-Dichloroethane	8.40	62	150390	24.775	ug/L	96
30) Cyclohexane	7.95	56	227208	25.594	ug/L	99
31) 1,1,1-Trichloroethane	7.87	97	187153	26.481	ug/L	99
32) Carbon tetrachloride	8.07	117	180729	26.261	ug/L	98
34) Benzene	8.32	78	553200	25.444	ug/L	100
35) Trichloroethene	9.09	95	143538	25.731	ug/L	99
36) Methylcyclohexane	9.34	83	251356	25.564	ug/L	99
40) 1,2-Dichloropropane	9.37	63	135035	25.401	ug/L	99
41) Bromodichloromethane	9.64	83	168935	25.935	ug/L	99
42) cis-1,3-Dichloropropene	10.07	75	213873	25.482	ug/L	98
43) 4-Methyl-2-pentanone	10.21	43	176684	48.714	ug/L	99
44) Toluene	10.38	91	597568	25.582	ug/L	100
45) trans-1,3-Dichloropropene	10.60	75	172871	25.516	ug/L	98
46) 1,1,2-Trichloroethane	10.79	97	100872	24.603	ug/L	99
47) Tetrachloroethene	10.86	164	130719	25.600	ug/L	98
49) 2-Hexanone	10.96	43	131877	51.252	ug/L	98
50) Dibromochloromethane	11.13	129	123337	25.490	ug/L	94
51) 1,2-Dibromoethane	11.23	107	98068	24.597	ug/L	97
52) Chlorobenzene	11.66	112	377773	25.276	ug/L	98
53) Ethylbenzene	11.73	91	662833	25.682	ug/L	98
54) m,p-Xylene	11.84	106	256931	25.761	ug/L	100
55) o-xylene	12.16	106	228880	24.182	ug/L	99
56) Styrene	12.18	104	408435	25.226	ug/L	96
57) Isopropylbenzene	12.46	105	644969	25.405	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	122223	25.435	ug/L	97
59) 1,2,3-Trichloropropane	12.77	75	89273	24.912	ug/L	99
62) Bromoform	12.35	173	75579	23.896	ug/L	98
63) 1,3-Dichlorobenzene	13.50	146	306940	24.511	ug/L	99
64) 1,4-Dichlorobenzene	13.58	146	308934	24.550	ug/L	98
65) 1,2-Dichlorobenzene	13.87	146	280313	24.706	ug/L	96
66) 1,2-Dibromo-3-chloropropan	14.48	75	18868	24.194	ug/L	89
67) 1,3,5-Trichlorobenzene	14.63	180	229889	24.694	ug/L	99
68) 1,2,4-trichlorobenzene	15.13	180	193555	24.490	ug/L	99
69) Naphthalene	15.36	128	352117	24.587	ug/L	100
70) 1,2,3-Trichlorobenzene	15.55	180	172725	24.404	ug/L	99

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

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