

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW020320\
 Data File : VW014831.D
 Acq On : 03 Feb 2020 13:08
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02509

Quant Time: Feb 04 06:51:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM020320S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Feb 04 03:25:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	874675	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	800290	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	372521	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	389324	28.42	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	113.68%
7) Chloroethane-d5	2.89	69	309781	23.65	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.60%
10) 1,1-Dichloroethene-d2	4.02	63	714573	24.55	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	98.20%
20) 2-Butanone-d5	7.07	46	250281	48.61	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.22%
24) Chloroform-d	7.65	84	653969	23.48	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.92%
26) 1,2-Dichloroethane-d4	8.31	65	371943	23.76	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.04%
29) Benzene-d6	8.27	84	1351943	23.96	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.84%
33) 1,2-Dichloropropane-d6	9.27	67	440707	23.83	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.32%
37) Toluene-d8	10.32	98	1222430	24.82	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	99.28%
38) trans-1,3-Dichloropropene-	10.57	79	183830	25.12	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	100.48%
39) 2-Hexanone-d5	10.92	63	190101	52.52	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.04%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	352683	24.48	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.92%
61) 1,2-Dichlorobenzene-d4	13.85	152	369823	23.70	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.80%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	2.01	85	227971	20.696	ug/L 94
3) Chloromethane	2.21	50	365275	24.191	ug/L 99
5) Vinyl chloride	2.37	62	436296	28.745	ug/L 98
6) Bromomethane	2.78	94	215883	24.305	ug/L 98
8) Chloroethane	2.92	64	245328	24.895	ug/L 97
9) Trichlorofluoromethane	3.26	101	203729	23.055	ug/L 99
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	332063	24.517	ug/L 100
12) 1,1-Dichloroethene	4.04	96	320276	25.073	ug/L 91
13) Acetone	4.12	43	222909	40.031	ug/L 99
14) Carbon disulfide	4.39	76	995404	25.674	ug/L 98
15) Methyl Acetate	4.67	43	208855	25.061	ug/L 100
16) Methylene chloride	4.92	84	365941	22.657	ug/L 95
17) Methyl tert-butyl Ether	5.43	73	425957	26.276	ug/L 100
18) trans-1,2-Dichloroethene	5.42	96	327765	25.004	ug/L 98
19) 1,1-Dichloroethane	6.21	63	667829	25.090	ug/L 97
21) 2-Butanone	7.17	43	295846	49.509	ug/L 99
22) cis-1,2-Dichloroethene	7.17	96	349880	25.823	ug/L 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	145636	25.136	ug/L	96
25) Chloroform	7.67	83	610798	25.135	ug/L	100
27) 1,2-Dichloroethane	8.40	62	427210	25.163	ug/L	99
30) Cyclohexane	7.95	56	651897	26.952	ug/L	99
31) 1,1,1-Trichloroethane	7.87	97	473072	25.189	ug/L	99
32) Carbon tetrachloride	8.07	117	424903	24.906	ug/L	100
34) Benzene	8.32	78	1429310	25.505	ug/L	100
35) Trichloroethene	9.09	95	342946	24.780	ug/L	99
36) Methylcyclohexane	9.34	83	639959	26.402	ug/L	99
40) 1,2-Dichloropropane	9.37	63	382660	25.319	ug/L	100
41) Bromodichloromethane	9.64	83	439821	25.396	ug/L	99
42) cis-1,3-Dichloropropene	10.07	75	561220	26.677	ug/L	100
43) 4-Methyl-2-pentanone	10.21	43	596738	53.772	ug/L	100
44) Toluene	10.38	91	1465581	26.140	ug/L	99
45) trans-1,3-Dichloropropene	10.60	75	462834	26.735	ug/L	98
46) 1,1,2-Trichloroethane	10.79	97	255025	25.499	ug/L	96
47) Tetrachloroethene	10.86	164	260842	25.264	ug/L	97
49) 2-Hexanone	10.96	43	424564	55.446	ug/L	98
50) Dibromochloromethane	11.13	129	279556	26.000	ug/L	99
51) 1,2-Dibromoethane	11.23	107	240326	25.557	ug/L	97
52) Chlorobenzene	11.65	112	856675	25.046	ug/L	95
53) Ethylbenzene	11.73	91	1611407	26.526	ug/L	99
54) m,p-Xylene	11.84	106	585143	26.321	ug/L	98
55) o-xylene	12.16	106	564158	27.240	ug/L	98
56) Styrene	12.18	104	960128	27.225	ug/L	100
57) Isopropylbenzene	12.46	105	1523289	27.199	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	342496	26.088	ug/L	100
59) 1,2,3-Trichloropropane	12.77	75	261976	26.065	ug/L	100
62) Bromoform	12.35	173	154388	25.073	ug/L	97
63) 1,3-Dichlorobenzene	13.50	146	639889	25.611	ug/L	98
64) 1,4-Dichlorobenzene	13.58	146	638673	25.360	ug/L	99
65) 1,2-Dichlorobenzene	13.87	146	590047	25.939	ug/L	97
66) 1,2-Dibromo-3-chloropropan	14.48	75	58475	26.337	ug/L	97
67) 1,3,5-Trichlorobenzene	14.63	180	464190	26.220	ug/L	100
68) 1,2,4-trichlorobenzene	15.13	180	374983	27.111	ug/L	97
69) Naphthalene	15.36	128	819386	29.199	ug/L	100
70) 1,2,3-Trichlorobenzene	15.55	180	352966	27.614	ug/L	99

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

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