

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW112519\
 Data File : VW014122.D
 Acq On : 25 Nov 2019 19:59
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02520

Quant Time: Nov 26 07:50:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Nov 26 07:45:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	287952	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	284783	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	178127	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	99773	21.72	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.88%
7) Chloroethane-d5	2.89	69	89847	24.12	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.48%
10) 1,1-Dichloroethene-d2	4.02	63	220949	23.43	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	93.72%
20) 2-Butanone-d5	7.07	46	87429	65.51	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	131.02%
24) Chloroform-d	7.65	84	246000	27.78	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	111.12%
26) 1,2-Dichloroethane-d4	8.30	65	131980	29.65	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	118.60%
29) Benzene-d6	8.27	84	500308	24.76	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.04%
33) 1,2-Dichloropropane-d6	9.27	67	155030	26.19	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	104.76%
37) Toluene-d8	10.32	98	460276	24.02	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.08%
38) trans-1,3-Dichloropropene-	10.57	79	67565	26.65	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	106.60%
39) 2-Hexanone-d5	10.92	63	73602	65.57	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	131.14%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	139412	31.19	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	124.76%#
61) 1,2-Dichlorobenzene-d4	13.85	152	181226	25.32	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.28%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	2.01	85	70736	20.656	ug/L	97
3) Chloromethane	2.21	50	62688	20.609	ug/L	98
5) Vinyl chloride	2.36	62	123178	25.936	ug/L	93
6) Bromomethane	2.78	94	76845	26.133	ug/L	100
8) Chloroethane	2.92	64	75086	26.578	ug/L	96
9) Trichlorofluoromethane	3.25	101	66732	20.605	ug/L	98
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	127658	26.695	ug/L	98
12) 1,1-Dichloroethene	4.04	96	127883	26.308	ug/L	91
13) Acetone	4.12	43	74247	54.668	ug/L	98
14) Carbon disulfide	4.39	76	341204	24.662	ug/L	100
15) Methyl Acetate	4.67	43	67783	30.847	ug/L	100
16) Methylene chloride	4.92	84	137567	24.816	ug/L	96
17) Methyl tert-butyl Ether	5.42	73	181154	28.887	ug/L	99
18) trans-1,2-Dichloroethene	5.42	96	135053	26.643	ug/L	96
19) 1,1-Dichloroethane	6.21	63	237990	27.873	ug/L	99
21) 2-Butanone	7.17	43	103021	59.043	ug/L	99
22) cis-1,2-Dichloroethene	7.17	96	147475	27.647	ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	69734	29.781	ug/L	95
25) Chloroform	7.67	83	246571	29.407	ug/L	99
27) 1,2-Dichloroethane	8.40	62	160345	31.586	ug/L	98
30) Cyclohexane	7.95	56	215803	23.679	ug/L	99
31) 1,1,1-Trichloroethane	7.87	97	188826	26.458	ug/L	99
32) Carbon tetrachloride	8.07	117	181004	26.420	ug/L	99
34) Benzene	8.32	78	555707	26.603	ug/L	100
35) Trichloroethene	9.09	95	145671	26.143	ug/L	99
36) Methylcyclohexane	9.34	83	238380	23.860	ug/L	99
40) 1,2-Dichloropropane	9.37	63	138927	27.628	ug/L	100
41) Bromodichloromethane	9.64	83	176906	29.101	ug/L	99
42) cis-1,3-Dichloropropene	10.07	75	219480	27.658	ug/L	97
43) 4-Methyl-2-pentanone	10.21	43	198199	59.697	ug/L	99
44) Toluene	10.38	91	602206	26.442	ug/L	98
45) trans-1,3-Dichloropropene	10.60	75	181869	28.982	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	110483	29.903	ug/L	99
47) Tetrachloroethene	10.86	164	127637	25.699	ug/L	99
49) 2-Hexanone	10.96	43	147591	61.660	ug/L	98
50) Dibromochloromethane	11.13	129	130557	30.063	ug/L	99
51) 1,2-Dibromoethane	11.23	107	106331	29.661	ug/L	100
52) Chlorobenzene	11.65	112	385471	26.998	ug/L	96
53) Ethylbenzene	11.73	91	673259	26.939	ug/L	100
54) m,p-Xylene	11.83	106	263096	27.089	ug/L	99
55) o-xylene	12.16	106	249169	27.396	ug/L	99
56) Styrene	12.18	104	441838	28.758	ug/L	99
57) Isopropylbenzene	12.46	105	671727	26.862	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	135621	31.440	ug/L	99
59) 1,2,3-Trichloropropane	12.77	75	101026	31.140	ug/L	100
62) Bromoform	12.35	173	82578	28.288	ug/L	98
63) 1,3-Dichlorobenzene	13.50	146	321222	25.683	ug/L	99
64) 1,4-Dichlorobenzene	13.58	146	324299	26.243	ug/L	99
65) 1,2-Dichlorobenzene	13.87	146	298843	26.982	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.48	75	21391	28.360	ug/L	90
67) 1,3,5-Trichlorobenzene	14.63	180	246432	25.854	ug/L	99
68) 1,2,4-trichlorobenzene	15.13	180	199578	26.629	ug/L	98
69) Naphthalene	15.36	128	385928	28.984	ug/L	99
70) 1,2,3-Trichlorobenzene	15.55	180	185189	27.998	ug/L	99

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

