

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111519\
 Data File : VW014051.D
 Acq On : 15 Nov 2019 19:44
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02510

Quant Time: Nov 16 04:10:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Nov 16 04:05:25 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	308346	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	305842	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	183485	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	118975	24.18	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.72%
7) Chloroethane-d5	2.89	69	96575	24.21	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.84%
10) 1,1-Dichloroethene-d2	4.03	63	238679	23.64	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	94.56%
20) 2-Butanone-d5	7.07	46	76218	53.33	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.66%
24) Chloroform-d	7.65	84	247073	26.06	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	104.24%
26) 1,2-Dichloroethane-d4	8.30	65	127109	26.67	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	106.68%
29) Benzene-d6	8.27	84	517754	23.86	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.44%
33) 1,2-Dichloropropane-d6	9.27	67	154846	24.36	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.44%
37) Toluene-d8	10.32	98	481286	23.39	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.56%
38) trans-1,3-Dichloropropene-	10.57	79	66749	24.52	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	98.08%
39) 2-Hexanone-d5	10.92	63	63491	52.67	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.34%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	128576	26.79	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	107.16%
61) 1,2-Dichlorobenzene-d4	13.85	152	175168	23.76	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.04%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	2.01	85	76457	20.850	ug/L	98
3) Chloromethane	2.21	50	68309	20.972	ug/L	96
5) Vinyl chloride	2.36	62	127618	25.093	ug/L	97
6) Bromomethane	2.78	94	78838	25.038	ug/L	98
8) Chloroethane	2.92	64	75007	24.794	ug/L	99
9) Trichlorofluoromethane	3.25	101	67844	19.563	ug/L	98
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	130218	25.430	ug/L	99
12) 1,1-Dichloroethene	4.04	96	128302	24.648	ug/L	94
13) Acetone	4.12	43	45677	31.408	ug/L	100
14) Carbon disulfide	4.39	76	359538	24.268	ug/L	100
15) Methyl Acetate	4.67	43	61625	26.189	ug/L	99
16) Methylene chloride	4.92	84	137515	23.166	ug/L	99
17) Methyl tert-butyl Ether	5.42	73	170015	25.318	ug/L	100
18) trans-1,2-Dichloroethene	5.42	96	135050	24.880	ug/L	94
19) 1,1-Dichloroethane	6.21	63	239843	26.232	ug/L	98
21) 2-Butanone	7.17	43	81140	43.427	ug/L	99
22) cis-1,2-Dichloroethene	7.16	96	149033	26.091	ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	65887	26.277	ug/L	87
25) Chloroform	7.67	83	244609	27.243	ug/L	100
27) 1,2-Dichloroethane	8.40	62	153260	28.193	ug/L	95
30) Cyclohexane	7.95	56	227152	23.208	ug/L	99
31) 1,1,1-Trichloroethane	7.87	97	185397	24.188	ug/L	98
32) Carbon tetrachloride	8.06	117	182790	24.843	ug/L	99
34) Benzene	8.32	78	558675	24.904	ug/L	100
35) Trichloroethene	9.09	95	144277	24.110	ug/L	99
36) Methylcyclohexane	9.33	83	249453	23.249	ug/L	99
40) 1,2-Dichloropropane	9.37	63	136672	25.308	ug/L	100
41) Bromodichloromethane	9.64	83	172819	26.471	ug/L	97
42) cis-1,3-Dichloropropene	10.07	75	213756	25.082	ug/L	99
43) 4-Methyl-2-pentanone	10.21	43	181234	50.828	ug/L	99
44) Toluene	10.38	91	609131	24.904	ug/L	99
45) trans-1,3-Dichloropropene	10.60	75	171582	25.460	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	103105	25.984	ug/L	97
47) Tetrachloroethene	10.86	164	129664	24.310	ug/L	98
49) 2-Hexanone	10.96	43	122147	47.516	ug/L	98
50) Dibromochloromethane	11.13	129	125448	26.897	ug/L	100
51) 1,2-Dibromoethane	11.23	107	100337	26.062	ug/L	100
52) Chlorobenzene	11.65	112	388613	25.344	ug/L	96
53) Ethylbenzene	11.73	91	668252	24.898	ug/L	97
54) m,p-Xylene	11.84	106	261687	25.088	ug/L	99
55) o-xylene	12.16	106	248677	25.460	ug/L	97
56) Styrene	12.18	104	430318	26.080	ug/L	99
57) Isopropylbenzene	12.46	105	670182	24.955	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	124334	26.839	ug/L	96
59) 1,2,3-Trichloropropane	12.77	75	91950	26.391	ug/L	100
62) Bromoform	12.35	173	77210	25.677	ug/L	99
63) 1,3-Dichlorobenzene	13.50	146	308169	23.920	ug/L	98
64) 1,4-Dichlorobenzene	13.58	146	304621	23.931	ug/L	99
65) 1,2-Dichlorobenzene	13.87	146	285860	25.056	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.48	75	18845	24.255	ug/L	97
67) 1,3,5-Trichlorobenzene	14.63	180	235827	24.018	ug/L	100
68) 1,2,4-trichlorobenzene	15.13	180	183906	23.821	ug/L	99
69) Naphthalene	15.36	128	325427	23.727	ug/L	100
70) 1,2,3-Trichlorobenzene	15.55	180	167645	24.605	ug/L	99

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

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