

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111419\
 Data File : VW014031.D
 Acq On : 14 Nov 2019 20:17
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02508

Quant Time: Nov 15 01:51:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Nov 15 01:46:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	291352	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	284417	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	175606	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	109967	23.66	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.64%
7) Chloroethane-d5	2.89	69	89187	23.67	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.68%
10) 1,1-Dichloroethene-d2	4.03	63	228569	23.96	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	95.84%
20) 2-Butanone-d5	7.07	46	80565	59.66	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	119.32%
24) Chloroform-d	7.64	84	228070	25.46	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	101.84%
26) 1,2-Dichloroethane-d4	8.31	65	119363	26.50	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	106.00%
29) Benzene-d6	8.27	84	474728	23.52	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.08%
33) 1,2-Dichloropropane-d6	9.27	67	141245	23.89	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.56%
37) Toluene-d8	10.32	98	447475	23.38	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.52%
38) trans-1,3-Dichloropropene-	10.57	79	63256	24.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	99.96%
39) 2-Hexanone-d5	10.92	63	68350	60.97	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	121.94%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	126864	28.42	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	113.68%
61) 1,2-Dichlorobenzene-d4	13.85	152	164658	23.34	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.36%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	2.01	85	74108	21.388	ug/L	91
3) Chloromethane	2.21	50	69356	22.535	ug/L	96
5) Vinyl chloride	2.36	62	126315	26.286	ug/L	93
6) Bromomethane	2.78	94	77361	26.002	ug/L	97
8) Chloroethane	2.92	64	75177	26.300	ug/L	96
9) Trichlorofluoromethane	3.26	101	63232	19.297	ug/L	99
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	126905	26.228	ug/L	99
12) 1,1-Dichloroethene	4.04	96	131278	26.691	ug/L	94
13) Acetone	4.11	43	51057	37.155	ug/L	97
14) Carbon disulfide	4.39	76	362986	25.930	ug/L	98
15) Methyl Acetate	4.67	43	69919	31.447	ug/L	100
16) Methylene chloride	4.92	84	137227	24.465	ug/L	98
17) Methyl tert-butyl Ether	5.42	73	176011	27.739	ug/L	99
18) trans-1,2-Dichloroethene	5.42	96	135360	26.392	ug/L	98
19) 1,1-Dichloroethane	6.21	63	234760	27.174	ug/L	99
21) 2-Butanone	7.17	43	91061	51.579	ug/L	99
22) cis-1,2-Dichloroethene	7.17	96	147419	27.314	ug/L	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	66631	28.124	ug/L	95
25) Chloroform	7.67	83	238657	28.131	ug/L	99
27) 1,2-Dichloroethane	8.40	62	151628	29.520	ug/L	99
30) Cyclohexane	7.95	56	225900	24.819	ug/L	99
31) 1,1,1-Trichloroethane	7.87	97	183557	25.752	ug/L	99
32) Carbon tetrachloride	8.07	117	177901	26.000	ug/L	100
34) Benzene	8.32	78	551455	26.434	ug/L	100
35) Trichloroethene	9.09	95	140143	25.183	ug/L	100
36) Methylcyclohexane	9.33	83	249967	25.052	ug/L	98
40) 1,2-Dichloropropane	9.37	63	134312	26.744	ug/L	99
41) Bromodichloromethane	9.64	83	172036	28.336	ug/L	97
42) cis-1,3-Dichloropropene	10.07	75	212189	26.774	ug/L	98
43) 4-Methyl-2-pentanone	10.21	43	207463	62.568	ug/L	99
44) Toluene	10.38	91	598175	26.299	ug/L	100
45) trans-1,3-Dichloropropene	10.60	75	174943	27.914	ug/L	98
46) 1,1,2-Trichloroethane	10.79	97	104500	28.320	ug/L	98
47) Tetrachloroethene	10.86	164	129431	26.094	ug/L	98
49) 2-Hexanone	10.96	43	142831	59.748	ug/L	99
50) Dibromochloromethane	11.13	129	124935	28.805	ug/L	97
51) 1,2-Dibromoethane	11.23	107	103184	28.821	ug/L	95
52) Chlorobenzene	11.65	112	379914	26.643	ug/L	95
53) Ethylbenzene	11.73	91	659588	26.426	ug/L	100
54) m,p-Xylene	11.83	106	255252	26.315	ug/L	97
55) o-xylene	12.16	106	242107	26.654	ug/L	98
56) Styrene	12.18	104	422046	27.505	ug/L	98
57) Isopropylbenzene	12.46	105	666957	26.706	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	133888	31.078	ug/L	97
59) 1,2,3-Trichloropropane	12.77	75	98134	30.288	ug/L	99
62) Bromoform	12.35	173	81118	28.187	ug/L	99
63) 1,3-Dichlorobenzene	13.50	146	309526	25.103	ug/L	99
64) 1,4-Dichlorobenzene	13.58	146	307277	25.223	ug/L	98
65) 1,2-Dichlorobenzene	13.87	146	286651	26.253	ug/L	98
66) 1,2-Dibromo-3-chloropropan	14.48	75	22266	29.944	ug/L	94
67) 1,3,5-Trichlorobenzene	14.63	180	237730	25.299	ug/L	99
68) 1,2,4-trichlorobenzene	15.13	180	192259	26.020	ug/L	99
69) Naphthalene	15.36	128	370034	28.189	ug/L	99
70) 1,2,3-Trichlorobenzene	15.55	180	175744	26.951	ug/L	99

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

