

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW080218\
 Data File : VW004436.D
 Acq On : 03 Aug 2018 08:48
 Operator : SY/AP
 Sample : VSTDCCC025
 Misc : 3.99G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02597

Quant Time: Aug 04 01:22:46 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM080218S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 03 08:39:00 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	751984	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	731892	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	362665	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	232640	24.87	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.48%
7) Chloroethane-d5	2.89	69	197420	25.09	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.36%
10) 1,1-Dichloroethene-d2	4.01	63	475005	25.01	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	100.04%
20) 2-Butanone-d5	7.09	46	237750	57.65	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	115.30%
24) Chloroform-d	7.65	84	497441	24.44	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.76%
26) 1,2-Dichloroethane-d4	8.31	65	278975	24.58	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.32%
29) Benzene-d6	8.28	84	948504	24.36	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.44%
33) 1,2-Dichloropropane-d6	9.28	67	302087	23.74	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.96%
37) Toluene-d8	10.33	98	864059	25.17	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	100.68%
38) trans-1,3-Dichloropropene-	10.58	79	125464	23.98	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.92%
39) 2-Hexanone-d5	10.93	63	179020	57.79	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	115.58%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	360560	26.13	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	104.52%
61) 1,2-Dichlorobenzene-d4	13.86	152	332581	24.42	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.68%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	220861	28.249 ug/L	97
3) Chloromethane	2.22	50	266316	25.789 ug/L	99
5) Vinyl chloride	2.37	62	379625	28.171 ug/L	98
6) Bromomethane	2.78	94	201135	25.807 ug/L	99
8) Chloroethane	2.93	64	224492	27.768 ug/L	95
9) Trichlorofluoromethane	3.26	101	195921	31.874 ug/L	99
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	299277	28.042 ug/L	95
12) 1,1-Dichloroethene	4.03	96	272566	26.141 ug/L	93
13) Acetone	4.14	43	237027	66.338 ug/L	98
14) Carbon disulfide	4.37	76	868481	27.155 ug/L	99
15) Methyl Acetate	4.68	43	210308	28.879 ug/L	99
16) Methylene chloride	4.92	84	310298	20.775 ug/L	98
17) Methyl tert-butyl Ether	5.43	73	343638	24.348 ug/L	99
18) trans-1,2-Dichloroethene	5.42	96	273305	25.631 ug/L	98
19) 1,1-Dichloroethane	6.22	63	533868	26.384 ug/L	100
21) 2-Butanone	7.19	43	305716	62.511 ug/L	98
22) cis-1,2-Dichloroethene	7.17	96	296068	25.439 ug/L	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.52	128	139117	24.974	ug/L	96
25) Chloroform	7.68	83	538579	26.077	ug/L	99
27) 1,2-Dichloroethane	8.40	62	363820	26.221	ug/L	99
30) Cyclohexane	7.96	56	477984	27.615	ug/L	100
31) 1,1,1-Trichloroethane	7.88	97	417834	26.870	ug/L	99
32) Carbon tetrachloride	8.07	117	393969	26.289	ug/L	100
34) Benzene	8.33	78	1187876	26.324	ug/L	100
35) Trichloroethene	9.09	95	286267	25.221	ug/L	99
36) Methylcyclohexane	9.34	83	537742	26.988	ug/L	98
40) 1,2-Dichloropropane	9.37	63	306742	25.666	ug/L	99
41) Bromodichloromethane	9.65	83	358544	24.975	ug/L	99
42) cis-1,3-Dichloropropene	10.08	75	405986	24.833	ug/L	99
43) 4-Methyl-2-pentanone	10.22	43	524648	58.548	ug/L	98
44) Toluene	10.39	91	1236704	27.234	ug/L	98
45) trans-1,3-Dichloropropene	10.61	75	381317	25.947	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	240436	25.878	ug/L	98
47) Tetrachloroethene	10.87	164	231327	25.758	ug/L	96
49) 2-Hexanone	10.98	43	423894	62.948	ug/L	99
50) Dibromochloromethane	11.13	129	258365	25.068	ug/L	100
51) 1,2-Dibromoethane	11.24	107	231769	26.024	ug/L	97
52) Chlorobenzene	11.66	112	783925	25.527	ug/L	99
53) Ethylbenzene	11.74	91	1350214	26.460	ug/L	100
54) m,p-Xylene	11.85	106	513615	26.978	ug/L	99
55) o-xylene	12.17	106	482764	26.762	ug/L	100
56) Styrene	12.19	104	867058	27.584	ug/L	100
57) Isopropylbenzene	12.47	105	1336403	27.369	ug/L	100
58) 1,1,2,2-Tetrachloroethane	12.72	83	366009	27.142	ug/L	98
59) 1,2,3-Trichloropropane	12.77	75	277893	27.592	ug/L	99
62) Bromoform	12.35	173	170309	25.839	ug/L	100
63) 1,3-Dichlorobenzene	13.51	146	574770	25.470	ug/L	97
64) 1,4-Dichlorobenzene	13.59	146	614198	25.325	ug/L	98
65) 1,2-Dichlorobenzene	13.88	146	587870	25.999	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.49	75	64228	27.653	ug/L	94
67) 1,3,5-Trichlorobenzene	14.64	180	459342	25.677	ug/L	99
68) 1,2,4-trichlorobenzene	15.15	180	369449	25.528	ug/L	99
69) Naphthalene	15.38	128	902552	27.346	ug/L	100
70) 1,2,3-Trichlorobenzene	15.57	180	374365	26.562	ug/L	99

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

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