

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW080218\
 Data File : VW004414.D
 Acq On : 02 Aug 2018 22:30
 Operator : SY/AP
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02596

Quant Time: Aug 03 08:37:25 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM080218S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 03 05:29:00 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	942744	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	905867	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	448221	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	263246	22.45	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.80%
7) Chloroethane-d5	2.89	69	223635	22.67	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.68%
10) 1,1-Dichloroethene-d2	4.02	63	555349	23.32	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	93.28%
20) 2-Butanone-d5	7.09	46	295078	57.07	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	114.14%
24) Chloroform-d	7.65	84	575428	22.55	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.20%
26) 1,2-Dichloroethane-d4	8.31	65	322442	22.66	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	90.64%
29) Benzene-d6	8.27	84	1115447	23.15	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.60%
33) 1,2-Dichloropropane-d6	9.28	67	353987	22.48	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.92%
37) Toluene-d8	10.33	98	1011606	23.81	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.24%
38) trans-1,3-Dichloropropene-	10.58	79	142779	22.04	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.16%
39) 2-Hexanone-d5	10.93	63	226768	59.14	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	118.28%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	411012	24.06	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	96.24%
61) 1,2-Dichlorobenzene-d4	13.86	152	386855	22.98	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.92%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	218422	22.284	ug/L 97
3) Chloromethane	2.21	50	305988	23.635	ug/L 95
5) Vinyl chloride	2.37	62	420085	24.865	ug/L 97
6) Bromomethane	2.78	94	222887	22.811	ug/L 99
8) Chloroethane	2.93	64	249390	24.606	ug/L 99
9) Trichlorofluoromethane	3.26	101	175627	22.791	ug/L 99
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	342488	25.597	ug/L 95
12) 1,1-Dichloroethene	4.04	96	323032	24.712	ug/L 92
13) Acetone	4.14	43	230154	51.381	ug/L 99
14) Carbon disulfide	4.38	76	977629	24.382	ug/L 99
15) Methyl Acetate	4.67	43	253760	27.794	ug/L 99
16) Methylene chloride	4.92	84	372533	19.895	ug/L 98
17) Methyl tert-butyl Ether	5.43	73	419378	23.701	ug/L 100
18) trans-1,2-Dichloroethene	5.42	96	323336	24.187	ug/L 94
19) 1,1-Dichloroethane	6.21	63	619313	24.414	ug/L 99
21) 2-Butanone	7.18	43	342121	55.799	ug/L 100
22) cis-1,2-Dichloroethene	7.17	96	352398	24.152	ug/L 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	160444	22.975	ug/L	96
25) Chloroform	7.68	83	620822	23.976	ug/L	99
27) 1,2-Dichloroethane	8.40	62	413065	23.746	ug/L	99
30) Cyclohexane	7.96	56	568431	26.533	ug/L	99
31) 1,1,1-Trichloroethane	7.87	97	478089	24.841	ug/L	100
32) Carbon tetrachloride	8.07	117	457473	24.664	ug/L	100
34) Benzene	8.32	78	1391090	24.907	ug/L	100
35) Trichloroethene	9.09	95	341881	24.336	ug/L	99
36) Methylcyclohexane	9.34	83	634410	25.725	ug/L	98
40) 1,2-Dichloropropane	9.37	63	359371	24.295	ug/L	100
41) Bromodichloromethane	9.65	83	420105	23.643	ug/L	98
42) cis-1,3-Dichloropropene	10.08	75	473754	23.412	ug/L	99
43) 4-Methyl-2-pentanone	10.21	43	631452	56.933	ug/L	99
44) Toluene	10.39	91	1424809	25.350	ug/L	100
45) trans-1,3-Dichloropropene	10.61	75	433111	23.811	ug/L	98
46) 1,1,2-Trichloroethane	10.79	97	274877	23.903	ug/L	99
47) Tetrachloroethene	10.87	164	270642	24.348	ug/L	99
49) 2-Hexanone	10.98	43	499277	59.903	ug/L	99
50) Dibromochloromethane	11.13	129	299780	23.500	ug/L	99
51) 1,2-Dibromoethane	11.24	107	265342	24.071	ug/L #	98
52) Chlorobenzene	11.66	112	910552	23.955	ug/L	98
53) Ethylbenzene	11.74	91	1598712	25.313	ug/L	99
54) m,p-Xylene	11.85	106	604549	25.656	ug/L	97
55) o-xylene	12.17	106	567384	25.412	ug/L	99
56) Styrene	12.19	104	1006886	25.880	ug/L	100
57) Isopropylbenzene	12.47	105	1585710	26.238	ug/L	100
58) 1,1,2,2-Tetrachloroethane	12.72	83	421337	25.244	ug/L	96
59) 1,2,3-Trichloropropane	12.77	75	324924	26.065	ug/L	99
62) Bromoform	12.35	173	200688	24.636	ug/L	100
63) 1,3-Dichlorobenzene	13.51	146	677575	24.294	ug/L	98
64) 1,4-Dichlorobenzene	13.58	146	719761	24.013	ug/L	99
65) 1,2-Dichlorobenzene	13.88	146	680908	24.366	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.49	75	79819	27.806	ug/L	95
67) 1,3,5-Trichlorobenzene	14.64	180	539875	24.418	ug/L	98
68) 1,2,4-trichlorobenzene	15.15	180	438838	24.534	ug/L	99
69) Naphthalene	15.38	128	1101432	27.002	ug/L	100
70) 1,2,3-Trichlorobenzene	15.57	180	439567	25.235	ug/L	99

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

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