

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW080918\
 Data File : VW004527.D
 Acq On : 08 Aug 2018 11:31
 Operator : SY/AP
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02583

Quant Time: Aug 09 01:58:33 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM080218S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Aug 08 05:39:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	1004935	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	987638	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	510185	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	252902	20.23	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.92%
7) Chloroethane-d5	2.90	69	227300	21.62	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.48%
10) 1,1-Dichloroethene-d2	4.01	63	565449	22.28	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	89.12%
20) 2-Butanone-d5	7.09	46	286131	51.92	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.84%
24) Chloroform-d	7.65	84	620017	22.79	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.16%
26) 1,2-Dichloroethane-d4	8.31	65	343832	22.67	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	90.68%
29) Benzene-d6	8.28	84	1156629	22.01	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.04%
33) 1,2-Dichloropropane-d6	9.28	67	386740	22.52	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.08%
37) Toluene-d8	10.33	98	1041326	22.48	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.92%
38) trans-1,3-Dichloropropene-	10.58	79	159415	22.58	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.32%
39) 2-Hexanone-d5	10.93	63	229873	54.99	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	109.98%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	454794	24.42	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.68%
61) 1,2-Dichlorobenzene-d4	13.86	152	440598	22.99	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.96%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	2.01	85	241667	23.13	ug/L	98
3) Chloromethane	2.21	50	299851	21.73	ug/L	99
5) Vinyl chloride	2.37	62	455934	25.32	ug/L	96
6) Bromomethane	2.79	94	254074	24.39	ug/L	99
8) Chloroethane	2.93	64	274675	25.42	ug/L	98
9) Trichlorofluoromethane	3.26	101	207912	25.31	ug/L	100
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	380011	26.64	ug/L	97
12) 1,1-Dichloroethene	4.03	96	348964	25.04	ug/L	97
13) Acetone	4.15	43	291412	61.03	ug/L	100
14) Carbon disulfide	4.38	76	1059171	24.78	ug/L	100
15) Methyl Acetate	4.68	43	241628	24.83	ug/L	99
16) Methylene chloride	4.91	84	477224	23.91	ug/L	99
17) Methyl tert-butyl Ether	5.43	73	512817	27.19	ug/L	99
18) trans-1,2-Dichloroethene	5.42	96	356856	25.04	ug/L	96
19) 1,1-Dichloroethane	6.21	63	684216	25.30	ug/L	98
21) 2-Butanone	7.18	43	348584	53.34	ug/L	99
22) cis-1,2-Dichloroethene	7.17	96	401947	25.84	ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	185677	24.94	ug/L	99
25) Chloroform	7.68	83	686616	24.88	ug/L	100
27) 1,2-Dichloroethane	8.40	62	451950	24.37	ug/L	99
30) Cyclohexane	7.96	56	629627	26.96	ug/L	100
31) 1,1,1-Trichloroethane	7.87	97	540233	25.75	ug/L	99
32) Carbon tetrachloride	8.07	117	507526	25.10	ug/L	100
34) Benzene	8.32	78	1528044	25.09	ug/L	100
35) Trichloroethene	9.09	95	370726	24.20	ug/L	99
36) Methylcyclohexane	9.34	83	702320	26.12	ug/L	99
40) 1,2-Dichloropropane	9.37	63	403407	25.01	ug/L	100
41) Bromodichloromethane	9.65	83	471005	24.31	ug/L	98
42) cis-1,3-Dichloropropene	10.08	75	570388	25.85	ug/L	100
43) 4-Methyl-2-pentanone	10.22	43	640286	52.95	ug/L	100
44) Toluene	10.39	91	1600345	26.12	ug/L	100
45) trans-1,3-Dichloropropene	10.61	75	514111	25.92	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	314243	25.06	ug/L	99
47) Tetrachloroethene	10.87	164	300009	24.76	ug/L	99
49) 2-Hexanone	10.98	43	509835	56.10	ug/L	99
50) Dibromochloromethane	11.13	129	348176	25.03	ug/L	99
51) 1,2-Dibromoethane	11.24	107	300366	24.99	ug/L	99
52) Chlorobenzene	11.66	112	1042874	25.17	ug/L	100
53) Ethylbenzene	11.74	91	1809458	26.28	ug/L	99
54) m,p-Xylene	11.85	106	686716	26.73	ug/L	98
55) o-xylene	12.17	106	657685	27.02	ug/L	98
56) Styrene	12.19	104	1167980	27.54	ug/L	99
57) Isopropylbenzene	12.47	105	1806325	27.41	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	12.72	83	459342	25.24	ug/L	98
59) 1,2,3-Trichloropropane	12.77	75	346507	25.50	ug/L	98
62) Bromoform	12.35	173	225613	24.33	ug/L	100
63) 1,3-Dichlorobenzene	13.51	146	811044	25.55	ug/L	99
64) 1,4-Dichlorobenzene	13.58	146	863941	25.32	ug/L	98
65) 1,2-Dichlorobenzene	13.88	146	802556	25.23	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.49	75	77616	23.75	ug/L	92
67) 1,3,5-Trichlorobenzene	14.64	180	652626	25.93	ug/L	99
68) 1,2,4-trichlorobenzene	15.15	180	542394	26.64	ug/L	100
69) Naphthalene	15.38	128	1284797	27.67	ug/L	99
70) 1,2,3-Trichlorobenzene	15.57	180	540701	27.27	ug/L	100

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

