

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102818\
 Data File : VW006401.D
 Acq On : 26 Oct 2018 11:42
 Operator : SY/AP
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02508

Quant Time: Oct 26 23:43:26 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100918S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 26 04:05:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	299664	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	281721	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	155483	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	94944	28.09	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	112.36%
7) Chloroethane-d5	2.89	69	86193	29.63	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	118.52%
10) 1,1-Dichloroethene-d2	4.01	63	168976	26.04	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	104.16%
20) 2-Butanone-d5	7.09	46	53234	47.52	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.04%
24) Chloroform-d	7.65	84	168881	26.02	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	104.08%
26) 1,2-Dichloroethane-d4	8.30	65	93776	26.11	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	104.44%
29) Benzene-d6	8.27	84	334469	26.15	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	104.60%
33) 1,2-Dichloropropane-d6	9.27	67	94419	24.46	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.84%
37) Toluene-d8	10.32	98	334166	26.13	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	104.52%
38) trans-1,3-Dichloropropene-	10.58	79	43368	23.12	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.48%
39) 2-Hexanone-d5	10.93	63	44583	47.80	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.60%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	98916	26.35	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	105.40%
61) 1,2-Dichlorobenzene-d4	13.86	152	137114	25.73	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.92%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	2.01	85	77842	27.484	ug/L	91
3) Chloromethane	2.21	50	75148	27.018	ug/L	99
5) Vinyl chloride	2.37	62	112233	25.035	ug/L	100
6) Bromomethane	2.79	94	83471	23.913	ug/L	98
8) Chloroethane	2.93	64	73908	26.897	ug/L	98
9) Trichlorofluoromethane	3.26	101	99449	27.729	ug/L	100
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	96194	26.827	ug/L	99
12) 1,1-Dichloroethene	4.03	96	85815	24.943	ug/L	84
13) Acetone	4.14	43	57041	50.403	ug/L	95
14) Carbon disulfide	4.37	76	249371	22.172	ug/L	99
15) Methyl Acetate	4.68	43	44919	24.505	ug/L	95
16) Methylene chloride	4.91	84	89166	23.047	ug/L	93
17) Methyl tert-butyl Ether	5.43	73	127172	22.708	ug/L	98
18) trans-1,2-Dichloroethene	5.42	96	93448	24.533	ug/L	97
19) 1,1-Dichloroethane	6.21	63	150677	24.445	ug/L	99
21) 2-Butanone	7.18	43	71530	47.568	ug/L	98
22) cis-1,2-Dichloroethene	7.17	96	103250	24.850	ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	48863	25.003	ug/L	95
25) Chloroform	7.68	83	166678	25.121	ug/L	100
27) 1,2-Dichloroethane	8.40	62	111696	24.697	ug/L	100
30) Cyclohexane	7.95	56	144103	23.273	ug/L	98
31) 1,1,1-Trichloroethane	7.87	97	143469	24.337	ug/L	99
32) Carbon tetrachloride	8.07	117	140195	24.249	ug/L	100
34) Benzene	8.32	78	360404	24.920	ug/L	100
35) Trichloroethene	9.09	95	100354	24.662	ug/L	98
36) Methylcyclohexane	9.34	83	181810	24.386	ug/L	99
40) 1,2-Dichloropropane	9.37	63	85239	23.759	ug/L	99
41) Bromodichloromethane	9.65	83	112290	23.178	ug/L	99
42) cis-1,3-Dichloropropene	10.07	75	134825	23.008	ug/L	99
43) 4-Methyl-2-pentanone	10.21	43	129643	45.097	ug/L	97
44) Toluene	10.39	91	404075	24.883	ug/L	100
45) trans-1,3-Dichloropropene	10.61	75	119423	23.332	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	75343	25.219	ug/L	98
47) Tetrachloroethene	10.87	164	96540	25.630	ug/L	94
49) 2-Hexanone	10.97	43	100571	47.469	ug/L	96
50) Dibromochloromethane	11.13	129	89326	23.327	ug/L	99
51) 1,2-Dibromoethane	11.24	107	78059	25.101	ug/L	100
52) Chlorobenzene	11.66	112	277463	25.248	ug/L	99
53) Ethylbenzene	11.73	91	471469	24.938	ug/L	99
54) m,p-Xylene	11.84	106	182975	24.692	ug/L	97
55) o-xylene	12.17	106	174515	24.664	ug/L	98
56) Styrene	12.18	104	299285	24.562	ug/L	99
57) Isopropylbenzene	12.47	105	487071	24.740	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	12.72	83	100183	25.804	ug/L	97
59) 1,2,3-Trichloropropane	12.77	75	74785	25.817	ug/L	98
62) Bromoform	12.35	173	59022	22.655	ug/L	99
63) 1,3-Dichlorobenzene	13.51	146	236258	24.744	ug/L	99
64) 1,4-Dichlorobenzene	13.58	146	239722	24.932	ug/L	99
65) 1,2-Dichlorobenzene	13.88	146	220577	25.112	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.49	75	16101	22.773	ug/L	93
67) 1,3,5-Trichlorobenzene	14.64	180	194803	25.310	ug/L	99
68) 1,2,4-trichlorobenzene	15.14	180	164154	25.012	ug/L	100
69) Naphthalene	15.38	128	328157	24.696	ug/L	100
70) 1,2,3-Trichlorobenzene	15.57	180	149262	25.316	ug/L	99

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

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