

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102418\
 Data File : VW006310.D
 Acq On : 24 Oct 2018 10:11
 Operator : SY/AP
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02504

Quant Time: Oct 25 17:50:11 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100918S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 25 07:32:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	348674	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	328508	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	181715	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	84610	21.52	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.08%
7) Chloroethane-d5	2.89	69	84287	24.90	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.60%
10) 1,1-Dichloroethene-d2	4.01	63	181147	23.99	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	95.96%
20) 2-Butanone-d5	7.09	46	64963	49.84	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.68%
24) Chloroform-d	7.65	84	200560	26.55	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	106.20%
26) 1,2-Dichloroethane-d4	8.31	65	109889	26.30	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	105.20%
29) Benzene-d6	8.27	84	387520	25.98	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	103.92%
33) 1,2-Dichloropropane-d6	9.27	67	113178	25.14	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.56%
37) Toluene-d8	10.32	98	384174	25.76	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	103.04%
38) trans-1,3-Dichloropropene-	10.58	79	52094	23.81	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.24%
39) 2-Hexanone-d5	10.93	63	55495	51.02	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.04%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	122916	28.08	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	112.32%
61) 1,2-Dichlorobenzene-d4	13.86	152	165629	26.59	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	106.36%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	2.01	85	95220	28.894	ug/L 91
3) Chloromethane	2.21	50	90566	27.984	ug/L 98
5) Vinyl chloride	2.37	62	129271	24.783	ug/L 99
6) Bromomethane	2.79	94	94896	23.364	ug/L 99
8) Chloroethane	2.93	64	83064	25.980	ug/L 96
9) Trichlorofluoromethane	3.26	101	115720	27.731	ug/L 100
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	111378	26.696	ug/L 98
12) 1,1-Dichloroethene	4.03	96	102132	25.513	ug/L 85
13) Acetone	4.15	43	70318	53.402	ug/L 99
14) Carbon disulfide	4.37	76	309984	23.687	ug/L 97
15) Methyl Acetate	4.68	43	51727	24.253	ug/L 97
16) Methylene chloride	4.91	84	108154	24.025	ug/L 96
17) Methyl tert-butyl Ether	5.43	73	158029	24.251	ug/L 99
18) trans-1,2-Dichloroethene	5.42	96	109941	24.806	ug/L 99
19) 1,1-Dichloroethane	6.21	63	178083	24.830	ug/L 98
21) 2-Butanone	7.18	43	82454	47.125	ug/L 97
22) cis-1,2-Dichloroethene	7.17	96	120240	24.871	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	56957	25.048	ug/L	95
25) Chloroform	7.68	83	196477	25.449	ug/L	100
27) 1,2-Dichloroethane	8.40	62	133726	25.412	ug/L	98
30) Cyclohexane	7.95	56	170989	23.682	ug/L	98
31) 1,1,1-Trichloroethane	7.87	97	174248	25.348	ug/L	99
32) Carbon tetrachloride	8.07	117	167983	24.917	ug/L	100
34) Benzene	8.32	78	423135	25.091	ug/L	100
35) Trichloroethene	9.09	95	120669	25.431	ug/L	99
36) Methylcyclohexane	9.34	83	214545	24.678	ug/L	99
40) 1,2-Dichloropropane	9.37	63	101493	24.260	ug/L	99
41) Bromodichloromethane	9.65	83	136830	24.221	ug/L	98
42) cis-1,3-Dichloropropene	10.07	75	163808	23.973	ug/L	97
43) 4-Methyl-2-pentanone	10.21	43	150356	44.853	ug/L	98
44) Toluene	10.39	91	475161	25.093	ug/L	99
45) trans-1,3-Dichloropropene	10.61	75	142771	23.921	ug/L	98
46) 1,1,2-Trichloroethane	10.79	97	86923	24.951	ug/L	97
47) Tetrachloroethene	10.87	164	113786	25.906	ug/L	94
49) 2-Hexanone	10.97	43	120112	48.618	ug/L	97
50) Dibromochloromethane	11.13	129	105093	23.536	ug/L	99
51) 1,2-Dibromoethane	11.24	107	90798	25.039	ug/L	99
52) Chlorobenzene	11.66	112	320448	25.007	ug/L	99
53) Ethylbenzene	11.74	91	553008	25.085	ug/L	100
54) m,p-Xylene	11.84	106	213802	24.742	ug/L	99
55) o-xylene	12.17	106	205649	24.925	ug/L	100
56) Styrene	12.18	104	350898	24.697	ug/L	100
57) Isopropylbenzene	12.47	105	577025	25.135	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	12.72	83	117877	26.038	ug/L	98
59) 1,2,3-Trichloropropane	12.77	75	87158	25.804	ug/L	99
62) Bromoform	12.35	173	71129	23.361	ug/L	99
63) 1,3-Dichlorobenzene	13.51	146	278730	24.978	ug/L	99
64) 1,4-Dichlorobenzene	13.58	146	281344	25.036	ug/L	100
65) 1,2-Dichlorobenzene	13.88	146	259802	25.308	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.49	75	19479	23.573	ug/L	94
67) 1,3,5-Trichlorobenzene	14.63	180	229881	25.556	ug/L	99
68) 1,2,4-trichlorobenzene	15.14	180	194822	25.400	ug/L	100
69) Naphthalene	15.38	128	390210	25.127	ug/L	100
70) 1,2,3-Trichlorobenzene	15.57	180	176272	25.581	ug/L	98

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

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