

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW080118\
 Data File : VW004368.D
 Acq On : 01 Aug 2018 10:14
 Operator : SY/AP
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02586

Quant Time: Aug 02 03:54:18 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073118S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 02 03:53:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	305512	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	286404	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	156573	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	61878	25.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	103.96%
7) Chloroethane-d5	2.89	69	53481	22.74	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.96%
10) 1,1-Dichloroethene-d2	4.01	63	173750	25.28	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	101.12%
20) 2-Butanone-d5	7.09	46	90345	61.21	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	122.42%
24) Chloroform-d	7.65	84	183676	24.32	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.28%
26) 1,2-Dichloroethane-d4	8.31	65	107191	25.34	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.36%
29) Benzene-d6	8.27	84	357173	24.15	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.60%
33) 1,2-Dichloropropane-d6	9.27	67	110729	24.17	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.68%
37) Toluene-d8	10.33	98	344030	24.34	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.36%
38) trans-1,3-Dichloropropene-	10.58	79	54774	24.74	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	98.96%
39) 2-Hexanone-d5	10.93	63	73426	62.41	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	124.82%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	132662	27.72	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	110.88%
61) 1,2-Dichlorobenzene-d4	13.87	152	138688	23.18	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.72%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	2.01	85	57782	20.71	ug/L	98
3) Chloromethane	2.22	50	54954	20.76	ug/L	97
5) Vinyl chloride	2.37	62	85607	26.19	ug/L	99
6) Bromomethane	2.78	94	57083	24.39	ug/L	98
8) Chloroethane	2.93	64	55067	23.96	ug/L	96
9) Trichlorofluoromethane	3.25	101	57258	20.90	ug/L	99
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	100804	24.96	ug/L	92
12) 1,1-Dichloroethene	4.04	96	97595	25.73	ug/L	85
13) Acetone	4.14	43	77501	60.02	ug/L	100
14) Carbon disulfide	4.37	76	286744	25.56	ug/L	99
15) Methyl Acetate	4.67	43	73112	28.40	ug/L	94
16) Methylene chloride	4.91	84	103354	21.40	ug/L	94
17) Methyl tert-butyl Ether	5.43	73	140885	23.65	ug/L	98
18) trans-1,2-Dichloroethene	5.42	96	97409	23.66	ug/L	92
19) 1,1-Dichloroethane	6.21	63	176557	24.67	ug/L	97
21) 2-Butanone	7.18	43	101562	57.71	ug/L	96
22) cis-1,2-Dichloroethene	7.17	96	107080	23.60	ug/L	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	52156	24.47	ug/L	88
25) Chloroform	7.68	83	182667	24.26	ug/L	100
27) 1,2-Dichloroethane	8.40	62	126568	24.88	ug/L	99
30) Cyclohexane	7.96	56	167810	24.81	ug/L	93
31) 1,1,1-Trichloroethane	7.87	97	154447	24.61	ug/L	99
32) Carbon tetrachloride	8.07	117	150783	24.67	ug/L	99
34) Benzene	8.32	78	401022	24.15	ug/L	100
35) Trichloroethene	9.09	95	104334	23.48	ug/L	99
36) Methylcyclohexane	9.34	83	190948	24.09	ug/L	97
40) 1,2-Dichloropropane	9.37	63	102684	24.66	ug/L	100
41) Bromodichloromethane	9.65	83	129921	24.11	ug/L	99
42) cis-1,3-Dichloropropene	10.07	75	157655	24.13	ug/L	99
43) 4-Methyl-2-pentanone	10.21	43	193519	57.40	ug/L	98
44) Toluene	10.39	91	430304	24.10	ug/L	99
45) trans-1,3-Dichloropropene	10.61	75	146543	24.99	ug/L	97
46) 1,1,2-Trichloroethane	10.79	97	85385	24.86	ug/L	96
47) Tetrachloroethene	10.87	164	91771	24.05	ug/L	99
49) 2-Hexanone	10.98	43	153894	61.41	ug/L	97
50) Dibromochloromethane	11.13	129	103121	24.65	ug/L	91
51) 1,2-Dibromoethane	11.24	107	87374	25.67	ug/L	98
52) Chlorobenzene	11.66	112	271953	22.88	ug/L	93
53) Ethylbenzene	11.74	91	466474	23.09	ug/L	94
54) m,p-Xylene	11.85	106	182847	23.93	ug/L	97
55) o-xylene	12.17	106	173424	24.03	ug/L	97
56) Styrene	12.19	104	309497	24.78	ug/L	98
57) Isopropylbenzene	12.47	105	482770	23.86	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.72	83	125331	26.58	ug/L	97
59) 1,2,3-Trichloropropane	12.77	75	99090	27.29	ug/L	98
62) Bromoform	12.35	173	71134	24.35	ug/L	96
63) 1,3-Dichlorobenzene	13.51	146	230320	22.81	ug/L	92
64) 1,4-Dichlorobenzene	13.59	146	240903	23.18	ug/L	98
65) 1,2-Dichlorobenzene	13.88	146	223682	23.43	ug/L	97
66) 1,2-Dibromo-3-chloropropan	14.49	75	24822	26.39	ug/L	97
67) 1,3,5-Trichlorobenzene	14.64	180	184068	22.99	ug/L	97
68) 1,2,4-trichlorobenzene	15.15	180	155769	22.91	ug/L	99
69) Naphthalene	15.38	128	380052	24.73	ug/L	100
70) 1,2,3-Trichlorobenzene	15.57	180	153018	24.32	ug/L	99

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

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