

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW073118\
 Data File : VW004366.D
 Acq On : 31 Jul 2018 19:47
 Operator : SY/AP
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02584

Quant Time: Aug 01 04:40:55 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073118S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jul 31 20:28:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	319785	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	300030	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	156400	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	59141	23.74	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.96%
7) Chloroethane-d5	2.89	69	59940	24.35	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.40%
10) 1,1-Dichloroethene-d2	4.02	63	188940	26.26	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	105.04%
20) 2-Butanone-d5	7.09	46	93537	60.55	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	121.10%
24) Chloroform-d	7.65	84	202356	25.60	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.40%
26) 1,2-Dichloroethane-d4	8.31	65	115965	26.19	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	104.76%
29) Benzene-d6	8.27	84	399898	25.81	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	103.24%
33) 1,2-Dichloropropane-d6	9.28	67	124890	26.02	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	104.08%
37) Toluene-d8	10.33	98	381049	25.74	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	102.96%
38) trans-1,3-Dichloropropene-	10.58	79	61076	26.33	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	105.32%
39) 2-Hexanone-d5	10.93	63	75081	60.92	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	121.84%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	139282	27.78	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	111.12%
61) 1,2-Dichlorobenzene-d4	13.86	152	154110	25.78	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.12%

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	2.00	85	81677	27.97	ug/L	99
3) Chloromethane	2.22	50	62779	22.66	ug/L	93
5) Vinyl chloride	2.37	62	82565	24.14	ug/L	99
6) Bromomethane	2.78	94	58683	23.95	ug/L	100
8) Chloroethane	2.93	64	62432	25.95	ug/L	93
9) Trichlorofluoromethane	3.26	101	63017	21.97	ug/L	100
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	109249	25.84	ug/L	95
12) 1,1-Dichloroethene	4.04	96	104919	26.43	ug/L	89
13) Acetone	4.13	43	73824	54.62	ug/L	100
14) Carbon disulfide	4.38	76	316390	26.94	ug/L	99
15) Methyl Acetate	4.67	43	77891	28.90	ug/L #	80
16) Methylene chloride	4.92	84	110873	21.94	ug/L	92
17) Methyl tert-butyl Ether	5.43	73	157692	25.29	ug/L	98
18) trans-1,2-Dichloroethene	5.42	96	107981	25.06	ug/L	93
19) 1,1-Dichloroethane	6.21	63	194655	25.98	ug/L	96
21) 2-Butanone	7.18	43	104473	56.71	ug/L	96
22) cis-1,2-Dichloroethene	7.17	96	119497	25.16	ug/L	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.52	128	55354	24.81	ug/L	90
25) Chloroform	7.68	83	199737	25.34	ug/L	99
27) 1,2-Dichloroethane	8.40	62	136325	25.61	ug/L	100
30) Cyclohexane	7.96	56	184500	26.04	ug/L	94
31) 1,1,1-Trichloroethane	7.87	97	163413	24.86	ug/L	98
32) Carbon tetrachloride	8.07	117	162983	25.45	ug/L	100
34) Benzene	8.32	78	444070	25.53	ug/L	100
35) Trichloroethene	9.09	95	116395	25.00	ug/L	99
36) Methylcyclohexane	9.34	83	209288	25.20	ug/L	97
40) 1,2-Dichloropropane	9.37	63	112948	25.89	ug/L	100
41) Bromodichloromethane	9.65	83	141641	25.09	ug/L	100
42) cis-1,3-Dichloropropene	10.08	75	172490	25.20	ug/L	100
43) 4-Methyl-2-pentanone	10.21	43	206374	58.43	ug/L	97
44) Toluene	10.39	91	477018	25.50	ug/L	98
45) trans-1,3-Dichloropropene	10.61	75	157884	25.70	ug/L	97
46) 1,1,2-Trichloroethane	10.79	97	92758	25.78	ug/L	97
47) Tetrachloroethene	10.87	164	96896	24.24	ug/L	97
49) 2-Hexanone	10.98	43	155434	59.21	ug/L	97
50) Dibromochloromethane	11.13	129	108955	24.86	ug/L	96
51) 1,2-Dibromoethane	11.24	107	93913	26.34	ug/L	98
52) Chlorobenzene	11.66	112	304100	24.43	ug/L	95
53) Ethylbenzene	11.74	91	530413	25.07	ug/L	95
54) m,p-Xylene	11.85	106	201184	25.14	ug/L	95
55) o-xylene	12.17	106	195923	25.92	ug/L	96
56) Styrene	12.19	104	336006	25.68	ug/L	99
57) Isopropylbenzene	12.47	105	542515	25.60	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.72	83	134957	27.32	ug/L	99
59) 1,2,3-Trichloropropane	12.77	75	103627	27.25	ug/L	98
62) Bromoform	12.35	173	76804	26.32	ug/L	98
63) 1,3-Dichlorobenzene	13.51	146	247308	24.51	ug/L	96
64) 1,4-Dichlorobenzene	13.58	146	251839	24.26	ug/L	94
65) 1,2-Dichlorobenzene	13.88	146	234955	24.64	ug/L	94
66) 1,2-Dibromo-3-chloropropan	14.49	75	25596	27.24	ug/L	99
67) 1,3,5-Trichlorobenzene	14.64	180	193238	24.16	ug/L	99
68) 1,2,4-trichlorobenzene	15.15	180	160817	23.68	ug/L	96
69) Naphthalene	15.38	128	401377	26.15	ug/L	99
70) 1,2,3-Trichlorobenzene	15.57	180	158556	25.23	ug/L	98

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

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