

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062018\
 Data File : VW003358.D
 Acq On : 20 Jun 2018 17:41
 Operator : SY/AP
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02588

Quant Time: Jun 21 04:22:07 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062018S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jun 21 04:12:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	370033	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	353212	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	181501	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	119467	23.81	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.24%
7) Chloroethane-d5	2.89	69	103428	24.70	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.80%
10) 1,1-Dichloroethene-d2	4.01	63	236739	23.76	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	95.04%
20) 2-Butanone-d5	7.09	46	81418	51.49	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.98%
24) Chloroform-d	7.65	84	235232	24.17	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.68%
26) 1,2-Dichloroethane-d4	8.31	65	142846	24.70	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.80%
29) Benzene-d6	8.28	84	446343	23.82	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.28%
33) 1,2-Dichloropropane-d6	9.27	67	137285	23.14	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.56%
37) Toluene-d8	10.33	98	436290	24.35	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.40%
38) trans-1,3-Dichloropropene-	10.58	79	65589	23.55	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.20%
39) 2-Hexanone-d5	10.93	63	65817	54.28	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.56%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	138101	25.02	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.08%
61) 1,2-Dichlorobenzene-d4	13.87	152	162967	23.77	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.08%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	2.01	85	56866	27.98	ug/L	# 83
3) Chloromethane	2.21	50	109323	25.04	ug/L	98
5) Vinyl chloride	2.36	62	155353	24.59	ug/L	96
6) Bromomethane	2.78	94	96195	26.16	ug/L	97
8) Chloroethane	2.92	64	93860	24.38	ug/L	100
9) Trichlorofluoromethane	3.25	101	84528	23.32	ug/L	100
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	120749	24.67	ug/L	99
12) 1,1-Dichloroethene	4.03	96	113069	24.44	ug/L	86
13) Acetone	4.14	43	90821	53.88	ug/L	97
14) Carbon disulfide	4.37	76	369072	24.73	ug/L	100
15) Methyl Acetate	4.67	43	72890	26.38	ug/L	100
16) Methylene chloride	4.91	84	124047	24.33	ug/L	95
17) Methyl tert-butyl Ether	5.43	73	223738	26.22	ug/L	99
18) trans-1,2-Dichloroethene	5.42	96	119022	24.70	ug/L	98
19) 1,1-Dichloroethane	6.21	63	223837	24.89	ug/L	97
21) 2-Butanone	7.18	43	107379	54.21	ug/L	100
22) cis-1,2-Dichloroethene	7.17	96	128716	25.13	ug/L	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	60534	25.55	ug/L	93
25) Chloroform	7.68	83	234131	25.32	ug/L	100
27) 1,2-Dichloroethane	8.40	62	174009	25.99	ug/L	100
30) Cyclohexane	7.96	56	205115	25.15	ug/L	100
31) 1,1,1-Trichloroethane	7.87	97	189566	24.43	ug/L	99
32) Carbon tetrachloride	8.07	117	185123	24.69	ug/L	100
34) Benzene	8.32	78	504286	25.04	ug/L	100
35) Trichloroethene	9.09	95	133607	24.61	ug/L	100
36) Methylcyclohexane	9.34	83	233918	25.24	ug/L	100
40) 1,2-Dichloropropane	9.37	63	134937	25.46	ug/L	100
41) Bromodichloromethane	9.65	83	173078	25.40	ug/L	99
42) cis-1,3-Dichloropropene	10.08	75	203940	25.78	ug/L	99
43) 4-Methyl-2-pentanone	10.21	43	210075	55.48	ug/L	99
44) Toluene	10.39	91	554511	25.38	ug/L	100
45) trans-1,3-Dichloropropene	10.61	75	189221	26.43	ug/L	96
46) 1,1,2-Trichloroethane	10.79	97	102891	26.00	ug/L	98
47) Tetrachloroethene	10.87	164	111597	24.46	ug/L	99
49) 2-Hexanone	10.98	43	169737	60.15	ug/L	98
50) Dibromochloromethane	11.13	129	123822	25.70	ug/L	97
51) 1,2-Dibromoethane	11.24	107	101564	25.83	ug/L	96
52) Chlorobenzene	11.66	112	354759	25.01	ug/L	98
53) Ethylbenzene	11.74	91	627488	25.61	ug/L	100
54) m,p-Xylene	11.85	106	236815	26.02	ug/L	94
55) o-xylene	12.17	106	222401	25.69	ug/L	98
56) Styrene	12.19	104	392400	26.26	ug/L	98
57) Isopropylbenzene	12.47	105	621134	25.86	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	12.72	83	141147	27.06	ug/L	99
59) 1,2,3-Trichloropropane	12.77	75	105847	26.48	ug/L	100
62) Bromoform	12.35	173	80255	26.27	ug/L	98
63) 1,3-Dichlorobenzene	13.51	146	277034	24.82	ug/L	99
64) 1,4-Dichlorobenzene	13.59	146	292537	25.00	ug/L	98
65) 1,2-Dichlorobenzene	13.88	146	270772	25.41	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.49	75	24442	26.14	ug/L	87
67) 1,3,5-Trichlorobenzene	14.64	180	217347	25.06	ug/L	99
68) 1,2,4-trichlorobenzene	15.15	180	180076	25.51	ug/L	99
69) Naphthalene	15.38	128	364493	27.59	ug/L	100
70) 1,2,3-Trichlorobenzene	15.57	180	172514	26.66	ug/L	99

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

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