

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062618\
 Data File : VW003568.D
 Acq On : 26 Jun 2018 09:42
 Operator : SY/AP
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02582

Quant Time: Jun 27 01:32:59 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062018S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jun 26 03:05:07 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	338012	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	316005	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	167041	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	88770	19.36	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.44%
7) Chloroethane-d5	2.89	69	77388	20.23	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.92%
10) 1,1-Dichloroethene-d2	4.01	63	205925	22.62	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	90.48%
20) 2-Butanone-d5	7.09	46	74520	51.59	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.18%
24) Chloroform-d	7.65	84	209740	23.59	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.36%
26) 1,2-Dichloroethane-d4	8.31	65	123586	23.39	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.56%
29) Benzene-d6	8.28	84	382382	22.81	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.24%
33) 1,2-Dichloropropane-d6	9.28	67	126466	23.83	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.32%
37) Toluene-d8	10.33	98	361569	22.55	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.20%
38) trans-1,3-Dichloropropene-	10.58	79	55876	22.42	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.68%
39) 2-Hexanone-d5	10.93	63	58181	53.63	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	107.26%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	124987	25.31	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	101.24%
61) 1,2-Dichlorobenzene-d4	13.87	152	141993	22.51	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.04%

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	2.01	85	48837	26.31	ug/L	94
3) Chloromethane	2.21	50	97965	24.56	ug/L	99
5) Vinyl chloride	2.36	62	148525	25.73	ug/L	99
6) Bromomethane	2.78	94	79404	23.64	ug/L	99
8) Chloroethane	2.92	64	87084	24.76	ug/L	97
9) Trichlorofluoromethane	3.26	101	99390	30.02	ug/L	99
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	120164	26.88	ug/L	99
12) 1,1-Dichloroethene	4.03	96	113523	26.87	ug/L	92
13) Acetone	4.15	43	81385	52.86	ug/L	99
14) Carbon disulfide	4.37	76	350030	25.68	ug/L	99
15) Methyl Acetate	4.68	43	65805	26.07	ug/L	98
16) Methylene chloride	4.91	84	123807	26.58	ug/L	95
17) Methyl tert-butyl Ether	5.43	73	218034	27.97	ug/L	99
18) trans-1,2-Dichloroethene	5.42	96	119662	27.18	ug/L	98
19) 1,1-Dichloroethane	6.21	63	225853	27.49	ug/L	99
21) 2-Butanone	7.19	43	93603	51.73	ug/L	99
22) cis-1,2-Dichloroethene	7.17	96	129041	27.58	ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	58013	26.80	ug/L	98
25) Chloroform	7.68	83	233492	27.64	ug/L	99
27) 1,2-Dichloroethane	8.40	62	167523	27.39	ug/L	100
30) Cyclohexane	7.96	56	208966	28.64	ug/L	99
31) 1,1,1-Trichloroethane	7.87	97	194548	28.02	ug/L	99
32) Carbon tetrachloride	8.07	117	185409	27.64	ug/L	99
34) Benzene	8.32	78	500739	27.79	ug/L	100
35) Trichloroethene	9.09	95	134081	27.61	ug/L	98
36) Methylcyclohexane	9.34	83	234954	28.34	ug/L	100
40) 1,2-Dichloropropane	9.37	63	132229	27.88	ug/L	100
41) Bromodichloromethane	9.65	83	168337	27.62	ug/L	100
42) cis-1,3-Dichloropropene	10.08	75	198162	28.00	ug/L	99
43) 4-Methyl-2-pentanone	10.22	43	186902	55.17	ug/L	99
44) Toluene	10.39	91	550589	28.17	ug/L	99
45) trans-1,3-Dichloropropene	10.61	75	179956	28.10	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	97106	27.43	ug/L	97
47) Tetrachloroethene	10.87	164	110262	27.02	ug/L	99
49) 2-Hexanone	10.98	43	147795	58.54	ug/L	99
50) Dibromochloromethane	11.13	129	117848	27.35	ug/L	97
51) 1,2-Dibromoethane	11.24	107	95267	27.08	ug/L	97
52) Chlorobenzene	11.66	112	348050	27.43	ug/L	99
53) Ethylbenzene	11.74	91	633249	28.89	ug/L	99
54) m,p-Xylene	11.85	106	236044	28.99	ug/L	96
55) o-xylene	12.17	106	224145	28.94	ug/L	98
56) Styrene	12.19	104	392094	29.33	ug/L	97
57) Isopropylbenzene	12.47	105	626863	29.17	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	12.72	83	129617	27.77	ug/L	99
59) 1,2,3-Trichloropropane	12.77	75	98109	27.43	ug/L	100
62) Bromoform	12.35	173	72293	25.72	ug/L	98
63) 1,3-Dichlorobenzene	13.51	146	275940	26.87	ug/L	100
64) 1,4-Dichlorobenzene	13.59	146	288629	26.80	ug/L	97
65) 1,2-Dichlorobenzene	13.88	146	267032	27.23	ug/L	98
66) 1,2-Dibromo-3-chloropropan	14.49	75	22054	25.63	ug/L	91
67) 1,3,5-Trichlorobenzene	14.64	180	219527	27.51	ug/L	100
68) 1,2,4-trichlorobenzene	15.15	180	179129	27.57	ug/L	99
69) Naphthalene	15.38	128	342254	28.15	ug/L	99
70) 1,2,3-Trichlorobenzene	15.57	180	167001	28.05	ug/L	100

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

