

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062018\
 Data File : VW003377.D
 Acq On : 21 Jun 2018 02:13
 Operator : SY/AP
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02589

Quant Time: Jun 21 05:06:58 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062018S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jun 21 05:02:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	359477	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	341658	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	174241	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	116641	23.93	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.72%
7) Chloroethane-d5	2.89	69	101333	24.91	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.64%
10) 1,1-Dichloroethene-d2	4.02	63	233753	24.15	ug/L	0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	96.60%
20) 2-Butanone-d5	7.09	46	84711	55.14	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	110.28%
24) Chloroform-d	7.65	84	234696	24.82	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.28%
26) 1,2-Dichloroethane-d4	8.31	65	143499	25.54	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.16%
29) Benzene-d6	8.28	84	445510	24.58	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.32%
33) 1,2-Dichloropropane-d6	9.28	67	140340	24.46	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.84%
37) Toluene-d8	10.33	98	430995	24.87	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	99.48%
38) trans-1,3-Dichloropropene-	10.58	79	65778	24.42	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	97.68%
39) 2-Hexanone-d5	10.93	63	66577	56.76	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.52%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	139750	26.18	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	104.72%
61) 1,2-Dichlorobenzene-d4	13.86	152	158688	24.11	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.44%

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	2.01	85	51973	26.32	ug/L	# 79
3) Chloromethane	2.21	50	105479	24.87	ug/L	99
5) Vinyl chloride	2.36	62	148346	24.17	ug/L	100
6) Bromomethane	2.78	94	92905	26.01	ug/L	97
8) Chloroethane	2.92	64	94097	25.16	ug/L	98
9) Trichlorofluoromethane	3.25	101	73403	20.85	ug/L	99
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	111733	23.50	ug/L	97
12) 1,1-Dichloroethene	4.03	96	109652	24.40	ug/L	89
13) Acetone	4.14	43	77932	47.59	ug/L	99
14) Carbon disulfide	4.37	76	355409	24.52	ug/L	100
15) Methyl Acetate	4.68	43	73757	27.48	ug/L	100
16) Methylene chloride	4.91	84	123706	24.97	ug/L	94
17) Methyl tert-butyl Ether	5.43	73	223863	27.00	ug/L	99
18) trans-1,2-Dichloroethene	5.42	96	116568	24.90	ug/L	94
19) 1,1-Dichloroethane	6.21	63	220741	25.26	ug/L	99
21) 2-Butanone	7.18	43	98198	51.03	ug/L	100
22) cis-1,2-Dichloroethene	7.17	96	128825	25.89	ug/L	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.52	128	59029	25.64	ug/L	99
25) Chloroform	7.68	83	230558	25.67	ug/L	99
27) 1,2-Dichloroethane	8.40	62	172979	26.59	ug/L	99
30) Cyclohexane	7.96	56	197091	24.99	ug/L	99
31) 1,1,1-Trichloroethane	7.87	97	183626	24.46	ug/L	100
32) Carbon tetrachloride	8.07	117	174004	23.99	ug/L	99
34) Benzene	8.33	78	498855	25.60	ug/L	100
35) Trichloroethene	9.09	95	132174	25.17	ug/L	98
36) Methylcyclohexane	9.34	83	219013	24.43	ug/L	98
40) 1,2-Dichloropropane	9.37	63	134200	26.18	ug/L	99
41) Bromodichloromethane	9.65	83	169239	25.68	ug/L	98
42) cis-1,3-Dichloropropene	10.08	75	196646	25.70	ug/L	99
43) 4-Methyl-2-pentanone	10.21	43	209516	57.20	ug/L	100
44) Toluene	10.39	91	546875	25.88	ug/L	99
45) trans-1,3-Dichloropropene	10.61	75	184037	26.58	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	100721	26.31	ug/L	98
47) Tetrachloroethene	10.87	164	106294	24.09	ug/L	98
49) 2-Hexanone	10.98	43	156171	57.22	ug/L	99
50) Dibromochloromethane	11.13	129	120554	25.87	ug/L	96
51) 1,2-Dibromoethane	11.24	107	99869	26.26	ug/L	98
52) Chlorobenzene	11.66	112	347407	25.32	ug/L	98
53) Ethylbenzene	11.74	91	616456	26.01	ug/L	99
54) m,p-Xylene	11.85	106	230297	26.16	ug/L	95
55) o-xylene	12.17	106	220442	26.33	ug/L	99
56) Styrene	12.19	104	386943	26.77	ug/L	99
57) Isopropylbenzene	12.47	105	606467	26.11	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.72	83	136313	27.02	ug/L	96
59) 1,2,3-Trichloropropane	12.77	75	106714	27.60	ug/L	99
62) Bromoform	12.35	173	76604	26.12	ug/L	99
63) 1,3-Dichlorobenzene	13.51	146	272640	25.45	ug/L	99
64) 1,4-Dichlorobenzene	13.59	146	281744	25.08	ug/L	99
65) 1,2-Dichlorobenzene	13.88	146	262973	25.71	ug/L	100
66) 1,2-Dibromo-3-chloropropan	14.49	75	25319	28.21	ug/L	92
67) 1,3,5-Trichlorobenzene	14.64	180	210883	25.33	ug/L	99
68) 1,2,4-trichlorobenzene	15.15	180	174630	25.77	ug/L	98
69) Naphthalene	15.38	128	369773	29.16	ug/L	100
70) 1,2,3-Trichlorobenzene	15.57	180	166993	26.88	ug/L	99

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

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