

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062218\
 Data File : VW003417.D
 Acq On : 22 Jun 2018 10:20
 Operator : SY/AP
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02597

Quant Time: Jun 23 02:02:43 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062018S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 22 07:26:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	378680	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.64	117	352823	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	184444	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	110285	21.47	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.88%
7) Chloroethane-d5	2.89	69	95136	22.20	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.80%
10) 1,1-Dichloroethene-d2	4.01	63	225307	22.09	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	88.36%
20) 2-Butanone-d5	7.09	46	89177	55.11	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	110.22%
24) Chloroform-d	7.65	84	236039	23.70	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.80%
26) 1,2-Dichloroethane-d4	8.31	65	143327	24.21	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.84%
29) Benzene-d6	8.28	84	441363	23.58	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.32%
33) 1,2-Dichloropropane-d6	9.28	67	141994	23.96	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.84%
37) Toluene-d8	10.33	98	416626	23.28	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.12%
38) trans-1,3-Dichloropropene-	10.58	79	65427	23.52	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.08%
39) 2-Hexanone-d5	10.93	63	69889	57.70	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	115.40%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	146440	26.56	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	106.24%
61) 1,2-Dichlorobenzene-d4	13.87	152	160863	23.09	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.36%

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	2.01	85	32598	15.67	ug/L	87
3) Chloromethane	2.21	50	87305	19.54	ug/L	99
5) Vinyl chloride	2.36	62	136783	21.15	ug/L	98
6) Bromomethane	2.78	94	75335	20.02	ug/L	98
8) Chloroethane	2.93	64	82711	20.99	ug/L	100
9) Trichlorofluoromethane	3.26	101	81926	22.09	ug/L	99
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	107617	21.49	ug/L	98
12) 1,1-Dichloroethene	4.03	96	102408	21.63	ug/L	93
13) Acetone	4.15	43	89735	52.02	ug/L	96
14) Carbon disulfide	4.37	76	323611	21.19	ug/L	98
15) Methyl Acetate	4.68	43	64428	22.79	ug/L	100
16) Methylene chloride	4.91	84	108846	20.86	ug/L	93
17) Methyl tert-butyl Ether	5.43	73	195968	22.44	ug/L	99
18) trans-1,2-Dichloroethene	5.42	96	105441	21.38	ug/L	95
19) 1,1-Dichloroethane	6.21	63	198540	21.57	ug/L	98
21) 2-Butanone	7.18	43	96909	47.81	ug/L	100
22) cis-1,2-Dichloroethene	7.17	96	112741	21.51	ug/L	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.52	128	52802	21.78	ug/L	96
25) Chloroform	7.68	83	208091	21.99	ug/L	99
27) 1,2-Dichloroethane	8.40	62	153894	22.46	ug/L	100
30) Cyclohexane	7.96	56	183323	22.51	ug/L	98
31) 1,1,1-Trichloroethane	7.87	97	169278	21.84	ug/L	99
32) Carbon tetrachloride	8.07	117	162087	21.64	ug/L	99
34) Benzene	8.33	78	448228	22.28	ug/L	100
35) Trichloroethene	9.09	95	116533	21.49	ug/L	99
36) Methylcyclohexane	9.34	83	202240	21.85	ug/L	99
40) 1,2-Dichloropropane	9.37	63	115809	21.87	ug/L	100
41) Bromodichloromethane	9.65	83	149607	21.98	ug/L	98
42) cis-1,3-Dichloropropene	10.08	75	178279	22.56	ug/L	98
43) 4-Methyl-2-pentanone	10.21	43	179872	47.55	ug/L	99
44) Toluene	10.39	91	484585	22.21	ug/L	100
45) trans-1,3-Dichloropropene	10.61	75	162021	22.66	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	88469	22.38	ug/L	98
47) Tetrachloroethene	10.87	164	95559	20.97	ug/L	99
49) 2-Hexanone	10.98	43	148100	52.54	ug/L	98
50) Dibromochloromethane	11.13	129	105623	21.95	ug/L	97
51) 1,2-Dibromoethane	11.24	107	86979	22.14	ug/L	98
52) Chlorobenzene	11.66	112	308534	21.77	ug/L	99
53) Ethylbenzene	11.74	91	548527	22.41	ug/L	98
54) m,p-Xylene	11.85	106	206797	22.75	ug/L	96
55) o-xylene	12.17	106	194568	22.50	ug/L	97
56) Styrene	12.19	104	339362	22.73	ug/L	96
57) Isopropylbenzene	12.47	105	540706	22.54	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	12.72	83	120810	23.19	ug/L	97
59) 1,2,3-Trichloropropane	12.77	75	91354	22.88	ug/L	100
62) Bromoform	12.35	173	66348	21.37	ug/L	100
63) 1,3-Dichlorobenzene	13.51	146	241475	21.29	ug/L	99
64) 1,4-Dichlorobenzene	13.59	146	253430	21.31	ug/L	98
65) 1,2-Dichlorobenzene	13.88	146	233736	21.59	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.49	75	21544	22.67	ug/L	97
67) 1,3,5-Trichlorobenzene	14.64	180	192072	21.80	ug/L	100
68) 1,2,4-trichlorobenzene	15.15	180	155315	21.65	ug/L	99
69) Naphthalene	15.38	128	308036	22.95	ug/L	100
70) 1,2,3-Trichlorobenzene	15.57	180	146791	22.33	ug/L	99

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

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