

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062518\
 Data File : VW003541.D
 Acq On : 25 Jun 2018 11:17
 Operator : SY/AP
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02591

Quant Time: Jun 26 03:01:01 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062018S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 23 02:14:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	381294	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.64	117	354788	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	185011	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	104106	20.13	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.52%
7) Chloroethane-d5	2.89	69	88453	20.50	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.00%
10) 1,1-Dichloroethene-d2	4.01	63	231958	22.59	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	90.36%
20) 2-Butanone-d5	7.09	46	97132	59.61	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	119.22%
24) Chloroform-d	7.65	84	246641	24.59	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.36%
26) 1,2-Dichloroethane-d4	8.31	65	148582	24.93	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.72%
29) Benzene-d6	8.27	84	448634	23.83	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.32%
33) 1,2-Dichloropropane-d6	9.28	67	145894	24.48	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.92%
37) Toluene-d8	10.33	98	428652	23.82	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.28%
38) trans-1,3-Dichloropropene-	10.59	79	67793	24.23	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	96.92%
39) 2-Hexanone-d5	10.93	63	75587	62.06	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	124.12%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	152764	27.55	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	110.20%
61) 1,2-Dichlorobenzene-d4	13.87	152	168608	24.13	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.52%

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	2.01	85	63792	30.46	ug/L	91
3) Chloromethane	2.21	50	100800	22.41	ug/L	97
5) Vinyl chloride	2.36	62	147872	22.71	ug/L	98
6) Bromomethane	2.78	94	80380	21.22	ug/L	99
8) Chloroethane	2.93	64	84811	21.38	ug/L	94
9) Trichlorofluoromethane	3.25	101	94050	25.18	ug/L	100
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	116854	23.17	ug/L	98
12) 1,1-Dichloroethene	4.03	96	114020	23.92	ug/L	91
13) Acetone	4.15	43	101791	58.61	ug/L	96
14) Carbon disulfide	4.37	76	349112	22.70	ug/L	99
15) Methyl Acetate	4.68	43	71864	25.24	ug/L	99
16) Methylene chloride	4.91	84	128299	24.42	ug/L	97
17) Methyl tert-butyl Ether	5.43	73	231788	26.36	ug/L	99
18) trans-1,2-Dichloroethene	5.42	96	117650	23.69	ug/L	96
19) 1,1-Dichloroethane	6.21	63	226989	24.49	ug/L	100
21) 2-Butanone	7.18	43	110120	53.95	ug/L	99
22) cis-1,2-Dichloroethene	7.17	96	131419	24.90	ug/L	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	59249	24.27	ug/L	97
25) Chloroform	7.68	83	229697	24.11	ug/L	100
27) 1,2-Dichloroethane	8.40	62	171497	24.86	ug/L	97
30) Cyclohexane	7.96	56	205074	25.04	ug/L	100
31) 1,1,1-Trichloroethane	7.87	97	190499	24.44	ug/L	99
32) Carbon tetrachloride	8.07	117	180744	24.00	ug/L	99
34) Benzene	8.32	78	500474	24.74	ug/L	100
35) Trichloroethene	9.09	95	134725	24.71	ug/L	100
36) Methylcyclohexane	9.34	83	231371	24.85	ug/L	99
40) 1,2-Dichloropropane	9.37	63	132041	24.80	ug/L	99
41) Bromodichloromethane	9.65	83	168515	24.63	ug/L	100
42) cis-1,3-Dichloropropene	10.08	75	203228	25.58	ug/L	100
43) 4-Methyl-2-pentanone	10.21	43	207990	54.68	ug/L	100
44) Toluene	10.39	91	545214	24.85	ug/L	100
45) trans-1,3-Dichloropropene	10.61	75	185330	25.78	ug/L	98
46) 1,1,2-Trichloroethane	10.79	97	99990	25.16	ug/L	98
47) Tetrachloroethene	10.87	164	108825	23.75	ug/L	99
49) 2-Hexanone	10.98	43	170090	60.01	ug/L	98
50) Dibromochloromethane	11.13	129	121509	25.11	ug/L	95
51) 1,2-Dibromoethane	11.24	107	99394	25.17	ug/L	99
52) Chlorobenzene	11.66	112	348582	24.46	ug/L	99
53) Ethylbenzene	11.74	91	630198	25.61	ug/L	98
54) m,p-Xylene	11.85	106	235794	25.80	ug/L	98
55) o-xylene	12.17	106	223353	25.69	ug/L	99
56) Styrene	12.19	104	389934	25.98	ug/L	100
57) Isopropylbenzene	12.47	105	624570	25.89	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.72	83	136365	26.03	ug/L	99
59) 1,2,3-Trichloropropane	12.77	75	103437	25.76	ug/L	99
62) Bromoform	12.35	173	75965	24.40	ug/L	98
63) 1,3-Dichlorobenzene	13.51	146	276492	24.31	ug/L	99
64) 1,4-Dichlorobenzene	13.58	146	288134	24.16	ug/L	99
65) 1,2-Dichlorobenzene	13.88	146	266205	24.51	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.49	75	23235	24.38	ug/L	97
67) 1,3,5-Trichlorobenzene	14.64	180	218379	24.70	ug/L	99
68) 1,2,4-trichlorobenzene	15.15	180	182941	25.42	ug/L	99
69) Naphthalene	15.38	128	367699	27.31	ug/L	99
70) 1,2,3-Trichlorobenzene	15.57	180	171057	25.94	ug/L	99

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

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