

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082318\
 Data File : VW004892.D
 Acq On : 23 Aug 2018 09:56
 Operator : SY/AP
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02587

Quant Time: Aug 24 04:51:28 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM082218S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 23 11:03:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	537487	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.64	117	522788	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	269778	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	240635	23.69	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.76%
7) Chloroethane-d5	2.89	69	177345	23.54	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.16%
10) 1,1-Dichloroethene-d2	4.03	63	317859	24.50	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	98.00%
20) 2-Butanone-d5	7.09	46	122924	59.45	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	118.90%
24) Chloroform-d	7.66	84	286579	24.02	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.08%
26) 1,2-Dichloroethane-d4	8.31	65	146363	22.57	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	90.28%
29) Benzene-d6	8.28	84	683426	25.41	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	101.64%
33) 1,2-Dichloropropane-d6	9.28	67	186386	23.59	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.36%
37) Toluene-d8	10.33	98	739105	25.95	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	103.80%
38) trans-1,3-Dichloropropene-	10.58	79	79247	23.31	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.24%
39) 2-Hexanone-d5	10.93	63	110565	56.48	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	112.96%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	187013	23.56	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	94.24%
61) 1,2-Dichlorobenzene-d4	13.87	152	264513	24.41	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.64%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	2.00	85	268346	26.54	ug/L	100
3) Chloromethane	2.21	50	303871	26.52	ug/L	100
5) Vinyl chloride	2.36	62	309437	26.66	ug/L	97
6) Bromomethane	2.78	94	171355	28.19	ug/L	99
8) Chloroethane	2.93	64	168239	25.94	ug/L	99
9) Trichlorofluoromethane	3.27	101	299161	25.47	ug/L	100
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	191483	27.26	ug/L	99
12) 1,1-Dichloroethene	4.05	96	165855	26.50	ug/L	91
13) Acetone	4.15	43	77614	48.46	ug/L	99
14) Carbon disulfide	4.39	76	633014	24.41	ug/L	100
15) Methyl Acetate	4.69	43	102767	28.38	ug/L	95
16) Methylene chloride	4.93	84	213007	20.44	ug/L	96
17) Methyl tert-butyl Ether	5.44	73	330084	24.42	ug/L	100
18) trans-1,2-Dichloroethene	5.43	96	179752	27.59	ug/L	98
19) 1,1-Dichloroethane	6.23	63	308088	25.90	ug/L	97
21) 2-Butanone	7.19	43	141144	57.23	ug/L	100
22) cis-1,2-Dichloroethene	7.18	96	183134	26.05	ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.53	128	82694	22.27	ug/L	96
25) Chloroform	7.68	83	301475	25.29	ug/L	99
27) 1,2-Dichloroethane	8.41	62	185160	23.70	ug/L	99
30) Cyclohexane	7.96	56	320830	28.83	ug/L	98
31) 1,1,1-Trichloroethane	7.88	97	286339	28.44	ug/L	99
32) Carbon tetrachloride	8.07	117	257666	28.61	ug/L	99
34) Benzene	8.33	78	803276	26.95	ug/L	100
35) Trichloroethene	9.10	95	195697	26.40	ug/L	99
36) Methylcyclohexane	9.34	83	376383	27.45	ug/L	100
40) 1,2-Dichloropropane	9.38	63	185229	25.26	ug/L	98
41) Bromodichloromethane	9.65	83	209439	25.92	ug/L	97
42) cis-1,3-Dichloropropene	10.08	75	257102	25.26	ug/L	99
43) 4-Methyl-2-pentanone	10.22	43	293415	54.21	ug/L	100
44) Toluene	10.40	91	982186	27.44	ug/L	100
45) trans-1,3-Dichloropropene	10.61	75	225455	24.42	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	137911	24.10	ug/L	99
47) Tetrachloroethene	10.87	164	199677	27.52	ug/L	97
49) 2-Hexanone	10.98	43	242938	58.08	ug/L	98
50) Dibromochloromethane	11.13	129	151228	23.80	ug/L	98
51) 1,2-Dibromoethane	11.24	107	135209	24.07	ug/L	95
52) Chlorobenzene	11.66	112	614654	25.85	ug/L	99
53) Ethylbenzene	11.74	91	1101375	27.34	ug/L	99
54) m,p-Xylene	11.85	106	439595	28.13	ug/L	95
55) o-xylene	12.17	106	401394	27.49	ug/L	97
56) Styrene	12.19	104	685874	27.34	ug/L	99
57) Isopropylbenzene	12.47	105	1105366	28.34	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	12.72	83	200535	24.58	ug/L	99
59) 1,2,3-Trichloropropane	12.77	75	155613	24.76	ug/L	98
62) Bromoform	12.35	173	102906	24.06	ug/L	99
63) 1,3-Dichlorobenzene	13.51	146	485221	26.11	ug/L	96
64) 1,4-Dichlorobenzene	13.58	146	498163	25.60	ug/L	97
65) 1,2-Dichlorobenzene	13.88	146	453496	25.46	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.49	75	40358	26.72	ug/L	96
67) 1,3,5-Trichlorobenzene	14.64	180	384164	25.83	ug/L	100
68) 1,2,4-trichlorobenzene	15.15	180	300933	25.06	ug/L	100
69) Naphthalene	15.38	128	624891	25.60	ug/L	100
70) 1,2,3-Trichlorobenzene	15.57	180	282909	25.01	ug/L	99

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

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