

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070618\
 Data File : VW003744.D
 Acq On : 06 Jul 2018 19:20
 Operator : SY/AP
 Sample : J3661-06DL 2X
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 X2D24DL

Quant Time: Jul 07 00:32:18 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070618S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 06 15:27:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	311647	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	296694	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	151965	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	94692	22.21	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.84%
7) Chloroethane-d5	2.89	69	64795	20.10	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.40%
10) 1,1-Dichloroethene-d2	4.00	63	154868	20.25	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	81.00%
20) 2-Butanone-d5	7.08	46	90100	66.82	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	133.64%
24) Chloroform-d	7.65	84	182098	21.49	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	85.96%
26) 1,2-Dichloroethane-d4	8.31	65	112493	22.08	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	88.32%
29) Benzene-d6	8.27	84	345026	22.03	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.12%
33) 1,2-Dichloropropane-d6	9.27	67	110042	21.83	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	87.32%
37) Toluene-d8	10.33	98	332303	22.34	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.36%
38) trans-1,3-Dichloropropene-	10.58	79	51511	22.06	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.24%
39) 2-Hexanone-d5	10.93	63	62811	62.93	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	125.86%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	117615	24.42	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.68%
61) 1,2-Dichlorobenzene-d4	13.86	152	119517	20.86	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	83.44%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	2.00	85	13741	5.01	ug/L	87
5) Vinyl chloride	2.36	62	32145	6.01	ug/L	89
8) Chloroethane	2.92	64	22093	7.55	ug/L	97
12) 1,1-Dichloroethene	4.03	96	26022	7.06	ug/L #	13
13) Acetone	4.12	43	175831	121.93	ug/L #	70
14) Carbon disulfide	4.37	76	134931	11.23	ug/L	98
16) Methylene chloride	4.91	84	72508	14.54	ug/L	98
18) trans-1,2-Dichloroethene	5.41	96	51634	12.42	ug/L	95
19) 1,1-Dichloroethane	6.21	63	40609	5.01	ug/L	96
22) cis-1,2-Dichloroethene	7.17	96	65644	14.36	ug/L	97
23) Bromochloromethane	7.51	128	38769	17.93	ug/L	93
25) Chloroform	7.67	83	45923	5.45	ug/L	97
31) 1,1,1-Trichloroethane	7.87	97	131145	20.06	ug/L	99
32) Carbon tetrachloride	8.07	117	47127	7.31	ug/L	99
35) Trichloroethene	9.09	95	69794	14.78	ug/L	99
40) 1,2-Dichloropropane	9.37	63	41841	8.83	ug/L	99
41) Bromodichloromethane	9.65	83	35260	5.74	ug/L	100

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42) cis-1,3-Dichloropropene	10.07	75	37756	5.38	ug/L	92
43) 4-Methyl-2-pentanone	10.21	43	80403	22.87	ug/L	99
45) trans-1,3-Dichloropropene	10.61	75	60901	9.45	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	17902	4.92	ug/L	97
47) Tetrachloroethene	10.87	164	38059	9.65	ug/L	98
49) 2-Hexanone	10.98	43	99619	36.79	ug/L	100
50) Dibromochloromethane	11.13	129	24207	5.59	ug/L	96
51) 1,2-Dibromoethane	11.24	107	34742	9.90	ug/L	99
56) Styrene	12.19	104	96043	7.32	ug/L	98
58) 1,1,2,2-Tetrachloroethane	12.72	83	72269	14.80	ug/L	99
62) Bromoform	12.35	173	25998	9.37	ug/L	98
63) 1,3-Dichlorobenzene	13.51	146	115479	12.04	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.49	75	20459	23.27	ug/L	94
70) 1,2,3-Trichlorobenzene	15.57	180	23451	4.03	ug/L	99

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

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