

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070818\
 Data File : VW003764.D
 Acq On : 07 Jul 2018 13:19
 Operator : SY/AP
 Sample : J3661-06
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 X2D24

Manual Integrations
 APPROVED

MMDadoda
 7/9/2018 12:57:23 PM

Quant Time: Jul 09 10:35:26 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070818S.M
 Quant Title : VOC Analysis
 QLast Update : Mon Jul 09 09:32:49 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	292089	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	278445	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	145027	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.34	65	96645	27.52	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	110.08%
7) Chloroethane-d5	2.89	69	82971	30.13	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	120.52%
10) 1,1-Dichloroethene-d2	4.01	63	177272	23.57	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	94.28%
20) 2-Butanone-d5	7.09	46	92023	75.33	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	150.66%#
24) Chloroform-d	7.65	84	194406	26.07	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	104.28%
26) 1,2-Dichloroethane-d4	8.31	65	119528	26.81	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	107.24%
29) Benzene-d6	8.27	84	367640	25.84	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	103.36%
33) 1,2-Dichloropropane-d6	9.27	67	118953	25.60	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	102.40%
37) Toluene-d8	10.33	98	356172	26.66	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	106.64%
38) trans-1,3-Dichloropropene-	10.58	79	56027	26.59	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	106.36%
39) 2-Hexanone-d5	10.93	63	68967	77.19	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	154.38%#
48) 1,1,2,2-Tetrachloroethane-	12.70	84	128387	30.34	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	121.36%#
61) 1,2-Dichlorobenzene-d4	13.86	152	131244	25.20	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.80%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	2.00	85	30301	24.25	ug/L	# 73
5) Vinyl chloride	2.35	62	65084	15.28	ug/L	98
8) Chloroethane	2.92	64	56035	22.10	ug/L	98
12) 1,1-Dichloroethene	4.03	96	55347m	15.50	ug/L	
13) Acetone	4.14	43	291919	236.66	ug/L	99
14) Carbon disulfide	4.37	76	275053	23.77	ug/L	99
16) Methylene chloride	4.91	84	134965	32.34	ug/L	98
18) trans-1,2-Dichloroethene	5.41	96	109886	28.78	ug/L	97
19) 1,1-Dichloroethane	6.21	63	83435	11.59	ug/L	99
22) cis-1,2-Dichloroethene	7.17	96	139438	34.31	ug/L	95
23) Bromochloromethane	7.51	128	80451	43.05	ug/L	95
25) Chloroform	7.68	83	92758	12.55	ug/L	98
31) 1,1,1-Trichloroethane	7.87	97	267418	43.66	ug/L	100
32) Carbon tetrachloride	8.07	117	98180	16.94	ug/L	100
35) Trichloroethene	9.09	95	147129	33.73	ug/L	99
40) 1,2-Dichloropropane	9.37	63	88507	20.43	ug/L	100
41) Bromodichloromethane	9.65	83	72749	13.28	ug/L	99

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42) cis-1,3-Dichloropropene	10.07	75	75151	11.72	ug/L	98
43) 4-Methyl-2-pentanone	10.22	43	174713	57.97	ug/L	99
45) trans-1,3-Dichloropropene	10.61	75	124862	21.42	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	37275	11.59	ug/L	96
47) Tetrachloroethene	10.87	164	78064	22.00	ug/L	98
49) 2-Hexanone	10.98	43	198070	86.80	ug/L	98
50) Dibromochloromethane	11.13	129	52348	13.65	ug/L	100
51) 1,2-Dibromoethane	11.24	107	72170	23.03	ug/L	94
56) Styrene	12.19	104	226440	19.11	ug/L	96
58) 1,1,2,2-Tetrachloroethane	12.72	83	151228	35.80	ug/L	99
59) 1,2,3-Trichloropropane	13.57	75	18919	5.87	ug/L	90
62) Bromoform	12.35	173	54907	22.64	ug/L	99
63) 1,3-Dichlorobenzene	13.51	146	242659	27.03	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.49	75	43077	56.22	ug/L	93
70) 1,2,3-Trichlorobenzene	15.57	180	50253	9.52	ug/L	96

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

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