

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091518\
 Data File : VW005382.D
 Acq On : 14 Sep 2018 12:20
 Operator : SY/AP
 Sample : J4865-25
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DB3N0

Quant Time: Sep 16 11:14:01 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091318S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 14 23:16:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	320296	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.64	117	313818	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	166730	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	80266	21.71	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.84%
7) Chloroethane-d5	2.89	69	62248	23.82	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.28%
10) 1,1-Dichloroethene-d2	4.03	63	155939	23.63	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	94.52%
20) 2-Butanone-d5	7.09	46	49613	35.63	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	71.26%
24) Chloroform-d	7.65	84	149989	25.11	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.44%
26) 1,2-Dichloroethane-d4	8.31	65	98623	25.81	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	103.24%
29) Benzene-d6	8.28	84	312156	24.78	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.12%
33) 1,2-Dichloropropane-d6	9.28	67	92147	25.62	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	102.48%
37) Toluene-d8	10.33	98	321204	25.17	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	100.68%
38) trans-1,3-Dichloropropene-	10.58	79	45001	25.01	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	100.04%
39) 2-Hexanone-d5	10.93	63	40787	36.42	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	72.84%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	79808	21.22	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	84.88%
61) 1,2-Dichlorobenzene-d4	13.86	152	126012	25.18	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.72%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	2.21	50	123923	20.38	ug/L	100
6) Bromomethane	2.78	94	32117	10.70	ug/L	97
9) Trichlorofluoromethane	3.26	101	113818	15.09	ug/L	99
12) 1,1-Dichloroethene	4.05	96	81495	23.38	ug/L	94
13) Acetone	4.16	43	48868	37.38	ug/L	98
15) Methyl Acetate	4.69	43	81317	28.20	ug/L	98
16) Methylene chloride	4.93	84	62159	10.22	ug/L	96
17) Methyl tert-butyl Ether	5.44	73	303991	31.42	ug/L	99
18) trans-1,2-Dichloroethene	5.43	96	41535	10.67	ug/L	96
22) cis-1,2-Dichloroethene	7.18	96	109224	26.29	ug/L	98
23) Bromochloromethane	7.52	128	29194	15.08	ug/L	98
27) 1,2-Dichloroethane	8.40	62	60371	10.40	ug/L	100
30) Cyclohexane	7.96	56	71300	10.06	ug/L	98
31) 1,1,1-Trichloroethane	7.88	97	74018	10.37	ug/L	99
32) Carbon tetrachloride	8.07	117	83907	12.68	ug/L	99
35) Trichloroethene	9.10	95	183512	39.55	ug/L	98
36) Methylcyclohexane	9.34	83	200207	24.86	ug/L	99

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40) 1,2-Dichloropropane	9.38	63	56530	13.10	ug/L	99
41) Bromodichloromethane	9.65	83	115456	20.87	ug/L	100
42) cis-1,3-Dichloropropene	10.08	75	113289	17.77	ug/L	100
44) Toluene	10.40	91	429262	21.43	ug/L	98
45) trans-1,3-Dichloropropene	10.61	75	50601	8.47	ug/L	98
47) Tetrachloroethene	10.87	164	169203	40.27	ug/L	96
49) 2-Hexanone	10.98	43	75657	24.94	ug/L	96
50) Dibromochloromethane	11.13	129	78183	19.32	ug/L	98
53) Ethylbenzene	11.74	91	358355	15.38	ug/L	98
54) m,p-Xylene	11.85	106	92141	10.56	ug/L	98
55) o-xylene	12.17	106	106403	12.99	ug/L	99
57) Isopropylbenzene	12.47	105	290142	12.75	ug/L	100
63) 1,3-Dichlorobenzene	13.51	146	217673	20.53	ug/L	99
65) 1,2-Dichlorobenzene	13.88	146	102686	10.12	ug/L	97
66) 1,2-Dibromo-3-chloropropan	14.49	75	15198	13.80	ug/L	92

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

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