

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102818\
 Data File : VW006407.D
 Acq On : 26 Oct 2018 15:14
 Operator : SY/AP
 Sample : J5635-26
 Misc : 4.96G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A40G2

Manual Integrations
 APPROVED

sam
 10/29/2018 4:23:31 PM

Quant Time: Oct 27 01:19:43 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100918S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 26 23:43:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	294624	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	211978	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	36371m	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	65147	19.61	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.44%
7) Chloroethane-d5	2.89	69	66158	23.13	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.52%
10) 1,1-Dichloroethene-d2	4.01	63	97283	15.25	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	61.00%
20) 2-Butanone-d5	7.09	46	47589	43.21	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	86.42%
24) Chloroform-d	7.65	84	149921	23.49	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.96%
26) 1,2-Dichloroethane-d4	8.31	65	83616	23.68	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.72%
29) Benzene-d6	8.27	84	291158	30.25	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	121.00%
33) 1,2-Dichloropropane-d6	9.27	67	85017	29.27	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	117.08%
37) Toluene-d8	10.33	98	254430	26.44	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	105.76%
38) trans-1,3-Dichloropropene-	10.58	79	30175	21.38	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.52%
39) 2-Hexanone-d5	10.93	63	37775	53.82	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	107.64%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	45947	16.27	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	65.08%
61) 1,2-Dichlorobenzene-d4	13.86	152	24413	19.58	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	78.32%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	4.14	43	17490	15.719	ug/L	97
14) Carbon disulfide	4.37	76	14294	1.293	ug/L #	95
21) 2-Butanone	7.19	43	4368	2.954	ug/L	76
34) Benzene	8.33	78	16991	1.561	ug/L	100
36) Methylcyclohexane	9.34	83	3377	0.602	ug/L	94
44) Toluene	10.39	91	19522	1.598	ug/L	97
52) Chlorobenzene	11.66	112	38063	4.603	ug/L	98
53) Ethylbenzene	11.74	91	31626	2.223	ug/L	98
54) m,p-Xylene	11.84	106	45279	8.120	ug/L	96
55) o-xylene	12.17	106	66222	12.438	ug/L	98
57) Isopropylbenzene	12.47	105	658978	44.484	ug/L	98
63) 1,3-Dichlorobenzene	13.51	146	510642	228.623	ug/L	99
64) 1,4-Dichlorobenzene	13.58	146	3036971	1350.236	ug/L	99
65) 1,2-Dichlorobenzene	13.88	146	107062	52.105	ug/L	99
68) 1,2,4-trichlorobenzene	15.14	180	16273	10.600	ug/L #	95

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

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