

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042919\
 Data File : VW010198.D
 Acq On : 29 Apr 2019 23:41
 Operator : SY/VA
 Sample : K2606-10
 Misc : 5.20G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A5144

Quant Time: Apr 30 07:56:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM042919S.M
 Quant Title : VOC Analysis
 QLast Update : Mon Apr 29 15:05:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	424472	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	308008	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	79937	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	98343	20.42	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.68%
7) Chloroethane-d5	2.89	69	83922	21.26	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.04%
10) 1,1-Dichloroethene-d2	4.01	63	144889	13.53	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	54.12%
20) 2-Butanone-d5	7.07	46	171721	96.69	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	193.38%#
24) Chloroform-d	7.65	84	266732	24.25	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.00%
26) 1,2-Dichloroethane-d4	8.31	65	187191	29.62	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	118.48%
29) Benzene-d6	8.27	84	447714	26.99	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	107.96%
33) 1,2-Dichloropropane-d6	9.27	67	163431	31.54	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	126.16%#
37) Toluene-d8	10.32	98	311808	20.67	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	82.68%
38) trans-1,3-Dichloropropene-	10.58	79	72015	30.17	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	120.68%
39) 2-Hexanone-d5	10.93	63	140151	128.71	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	257.42%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	166106	37.54	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	150.16%#
61) 1,2-Dichlorobenzene-d4	13.85	152	69517	23.41	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.64%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	4.12	43	53890	38.395	ug/L	100
14) Carbon disulfide	4.37	76	73452	4.947	ug/L	96
21) 2-Butanone	7.17	43	26252	13.337	ug/L #	72
34) Benzene	8.32	78	104256	6.032	ug/L	100
44) Toluene	10.38	91	129652	7.009	ug/L	98
53) Ethylbenzene	11.73	91	18252	0.871	ug/L	93
54) m,p-Xylene	11.84	106	14406	1.828	ug/L	88
55) o-xylene	12.16	106	7234	0.971	ug/L	100

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

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