

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071619\
 Data File : VW011289.D
 Acq On : 16 Jul 2019 16:39
 Operator : SY/VA
 Sample : K3798-06RE
 Misc : 4.42G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A52H0RE

Manual Integrations
 APPROVED

MMDadoda
 7/18/2019 8:05:16 AM

Quant Time: Jul 17 08:38:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jul 17 07:20:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	237641	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	196445	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	70655	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.34	65	57799	15.93	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	63.72%
7) Chloroethane-d5	2.88	69	47368	18.61	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.44%
10) 1,1-Dichloroethene-d2	4.01	63	107109	13.94	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	55.76%
20) 2-Butanone-d5	7.07	46	125791	88.00	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	176.00%#
24) Chloroform-d	7.65	84	151850	23.31	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.24%
26) 1,2-Dichloroethane-d4	8.30	65	109863	27.39	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	109.56%
29) Benzene-d6	8.27	84	292467	24.17	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.68%
33) 1,2-Dichloropropane-d6	9.27	67	106351	26.99	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	107.96%
37) Toluene-d8	10.32	98	234113	21.71	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.84%
38) trans-1,3-Dichloropropene-	10.58	79	40832	24.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	97.48%
39) 2-Hexanone-d5	10.93	63	80850	89.46	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	178.92%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	111745	34.28	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	137.12%#
61) 1,2-Dichlorobenzene-d4	13.86	152	63256	23.32	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.28%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	2.35	62	17396	4.200	ug/L	91
13) Acetone	4.12	43	74936	53.673	ug/L	99
14) Carbon disulfide	4.38	76	10853	1.215	ug/L	100
15) Methyl Acetate	4.67	43	6878	3.028	ug/L #	90
18) trans-1,2-Dichloroethene	5.42	96	3948m	1.251	ug/L	
21) 2-Butanone	7.17	43	19817	10.995	ug/L	88
22) cis-1,2-Dichloroethene	7.16	96	175795	51.463	ug/L	97
35) Trichloroethene	9.09	95	44631	14.405	ug/L	99
44) Toluene	10.39	91	10040	0.790	ug/L	93

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

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