

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW093020\
 Data File : VW016714.D
 Acq On : 30 Sep 2020 16:04
 Operator : SY/VA
 Sample : L4144-12
 Misc : 5.24G/10ML/MSVOA W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0AM7

Manual Integrations
 APPROVED

SAM
 10/12/2020 6:09:36 PM

Quant Time: Oct 01 06:17:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 01 05:05:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	563378	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	449150	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	180335	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.37	65	107491	19.71	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.84%
7) Chloroethane-d5	2.91	69	100266	22.52	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.08%
10) 1,1-Dichloroethene-d2	4.03	63	191448	15.70	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	62.80%
20) 2-Butanone-d5	7.09	46	71726	48.24	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.48%
24) Chloroform-d	7.65	84	307064	26.05	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	104.20%
26) 1,2-Dichloroethane-d4	8.31	65	161676	26.72	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	106.88%
29) Benzene-d6	8.28	84	565872	28.09	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	112.36%
33) 1,2-Dichloropropane-d6	9.28	67	161126	29.52	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	118.08%
37) Toluene-d8	10.33	98	517020	26.09	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	104.36%
38) trans-1,3-Dichloropropene-	10.58	79	67317	24.46	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	97.84%
39) 2-Hexanone-d5	10.93	63	57047	57.46	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	114.92%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	125691	27.06	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	108.24%
61) 1,2-Dichlorobenzene-d4	13.85	152	147117	25.53	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.12%

Target Compounds					Ovalue
13) Acetone	4.13	43	3986	3.423 ug/L	75
16) Methylene chloride	4.93	84	14294m	1.645 ug/L	
47) Tetrachloroethene	10.87	164	242928	38.625 ug/L	91

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

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