

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092820\
 Data File : VW016670.D
 Acq On : 28 Sep 2020 16:03
 Operator : SY/VA
 Sample : L4149-08
 Misc : 6.08G/10ML/MSVOA W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG3L9

Quant Time: Sep 29 06:48:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Sep 29 05:26:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	741076	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	626650	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	273351	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.37	65	146011	20.36	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.44%
7) Chloroethane-d5	2.90	69	131771	22.50	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.00%
10) 1,1-Dichloroethene-d2	4.03	63	249139	15.53	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	62.12%
20) 2-Butanone-d5	7.09	46	79730	40.77	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.54%
24) Chloroform-d	7.65	84	374380	24.15	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.60%
26) 1,2-Dichloroethane-d4	8.31	65	192275	24.16	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.64%
29) Benzene-d6	8.28	84	727870	25.90	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	103.60%
33) 1,2-Dichloropropane-d6	9.27	67	201837	26.50	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	106.00%
37) Toluene-d8	10.33	98	686341	24.82	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	99.28%
38) trans-1,3-Dichloropropene-	10.58	79	86306	22.48	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.92%
39) 2-Hexanone-d5	10.93	63	66794	48.22	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.44%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	156054	24.08	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	96.32%
61) 1,2-Dichlorobenzene-d4	13.85	152	225026	25.76	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.04%

Target Compounds

					Ovalue
13) Acetone	4.14	43	9814	6.406 ug/L	96
14) Carbon disulfide	4.39	76	19226	0.679 ug/L	99
16) Methylene chloride	4.92	84	24636	2.155 ug/L	95
34) Benzene	8.33	78	9395	0.280 ug/L	100
35) Trichloroethene	9.10	95	141288	14.539 ug/L	98
47) Tetrachloroethene	10.87	164	85665	9.763 ug/L	95
68) 1,2,4-trichlorobenzene	15.14	180	2242	0.213 ug/L	96

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

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