

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092619\
 Data File : VV012995.D
 Acq On : 26 Sep 2019 13:08
 Operator : SY/MD
 Sample : K4988-07MSD
 Misc : 5.25G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ESNY8MSD

Quant Time: Sep 27 03:46:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM092319S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 27 02:13:48 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	667898	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	603376	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	271683	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	224529	21.67	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.68%
7) Chloroethane-d5	1.58	69	204488	24.41	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.64%
10) 1,1-Dichloroethene-d2	2.13	63	400001	23.21	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	92.84%
20) 2-Butanone-d5	3.94	46	119122	33.29	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	66.58%
24) Chloroform-d	4.40	84	448557	24.45	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.80%
26) 1,2-Dichloroethane-d4	5.08	65	265646	24.91	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.64%
29) Benzene-d6	5.10	84	920707	27.33	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	109.32%
33) 1,2-Dichloropropane-d6	6.12	67	298334	28.25	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	113.00%
37) Toluene-d8	7.36	98	768296	25.12	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	100.48%
38) trans-1,3-Dichloropropene-	7.66	79	101529	22.71	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.84%
39) 2-Hexanone-d5	8.13	63	83863	39.47	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	78.94%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	239718	23.90	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	95.60%
61) 1,2-Dichlorobenzene-d4	11.67	152	255425	24.20	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.80%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.14	96	186233	24.666	ug/L	96
13) Acetone	2.19	43	5646	1.485	ug/L	100
16) Methylene chloride	2.54	84	29014	2.906	ug/L	97
34) Benzene	5.14	78	871316	25.943	ug/L	100
35) Trichloroethene	5.96	95	209887	22.433	ug/L	99
44) Toluene	7.43	91	875787	24.724	ug/L	100
52) Chlorobenzene	8.92	112	554757	22.694	ug/L	99

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

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