

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV040319\
 Data File : VV010093.D
 Acq On : 03 Apr 2019 15:26
 Operator : SY/MD
 Sample : K2215-07
 Misc : 5.65G/10mL/MSVOA V/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BF2M8

Manual Integrations
 APPROVED

MMDadoda
 4/5/2019 10:40:37 AM

Quant Time: Apr 04 07:57:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM040219S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 04 06:01:11 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	222251	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	221051	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	97458	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	53814	18.09	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.36%
7) Chloroethane-d5	1.57	69	64005	17.32	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.28%
10) 1,1-Dichloroethene-d2	2.13	63	222830	29.69	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	118.76%#
20) 2-Butanone-d5	3.95	46	36786	43.45	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	86.90%
24) Chloroform-d	4.40	84	130025	23.22	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.88%
26) 1,2-Dichloroethane-d4	5.08	65	78442	25.04	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.16%
29) Benzene-d6	5.10	84	266187	23.22	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.88%
33) 1,2-Dichloropropane-d6	6.12	67	81239	24.01	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.04%
37) Toluene-d8	7.36	98	241915	21.90	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.60%
38) trans-1,3-Dichloropropene-	7.66	79	27132	18.76	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	75.04%
39) 2-Hexanone-d5	8.13	63	30142	44.42	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.84%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	74483	22.32	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	89.28%
61) 1,2-Dichlorobenzene-d4	11.68	152	92343	24.32	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.28%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.14	96	189996	62.529	ug/L #	71
13) Acetone	2.21	43	1805	2.156	ug/L	95
16) Methylene chloride	2.53	84	6174	1.581	ug/L	89
22) cis-1,2-Dichloroethene	3.97	96	2029m	0.688	ug/L	
27) 1,2-Dichloroethane	5.18	62	2861m	0.830	ug/L	
35) Trichloroethene	5.96	95	5753	1.849	ug/L #	67
44) Toluene	7.43	91	8309	0.685	ug/L	98
46) 1,1,2-Trichloroethane	7.88	97	2878	1.188	ug/L #	65
47) Tetrachloroethene	8.03	164	13292782	5104.014	ug/L	87
52) Chlorobenzene	8.93	112	3766	0.455	ug/L	94

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

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