

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV041819\
 Data File : VV010351.D
 Acq On : 18 Apr 2019 16:04
 Operator : SY/MD
 Sample : K2470-01
 Misc : 5.00G/10mL/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A5105

Quant Time: Apr 21 11:41:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM041819S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 19 06:08:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	342490	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	332621	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	176909	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	99491	22.88	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.52%
7) Chloroethane-d5	1.57	69	86072	23.56	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.24%
10) 1,1-Dichloroethene-d2	2.13	63	242986	23.16	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	92.64%
20) 2-Butanone-d5	3.94	46	55207	40.76	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.52%
24) Chloroform-d	4.40	84	202930	22.54	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.16%
26) 1,2-Dichloroethane-d4	5.08	65	121168	22.80	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.20%
29) Benzene-d6	5.10	84	413217	24.27	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.08%
33) 1,2-Dichloropropane-d6	6.12	67	115877	23.26	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.04%
37) Toluene-d8	7.36	98	393971	24.07	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.28%
38) trans-1,3-Dichloropropene-	7.66	79	55514	22.65	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.60%
39) 2-Hexanone-d5	8.13	63	46181	41.62	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.24%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	106936	21.46	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	85.84%
61) 1,2-Dichlorobenzene-d4	11.67	152	164409	23.64	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.56%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.25	50	88741	19.656	ug/L	98
6) Bromomethane	1.53	94	34303	11.371	ug/L	98
9) Trichlorofluoromethane	1.76	101	149292	15.412	ug/L	99
12) 1,1-Dichloroethene	2.14	96	101230	22.752	ug/L	93
13) Acetone	2.20	43	126770	88.692	ug/L	100
15) Methyl Acetate	2.46	43	73323	31.428	ug/L	93
16) Methylene chloride	2.53	84	55901	10.219	ug/L	99
17) Methyl tert-butyl Ether	2.81	73	332161	31.001	ug/L	100
18) trans-1,2-Dichloroethene	2.79	96	45282	10.729	ug/L	96
22) cis-1,2-Dichloroethene	3.96	96	121342	25.238	ug/L	97
23) Bromochloromethane	4.30	128	35793	14.874	ug/L	98
27) 1,2-Dichloroethane	5.18	62	56855	9.471	ug/L	98
30) Cyclohexane	4.72	56	64976	10.659	ug/L	96
31) 1,1,1-Trichloroethane	4.66	97	77084	10.512	ug/L	100
32) Carbon tetrachloride	4.87	117	90175	13.033	ug/L	100
35) Trichloroethene	5.96	95	195888	40.791	ug/L	98
36) Methylcyclohexane	6.18	83	194867	27.867	ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

40) 1,2-Dichloropropane	6.22	63	55994	13.450	ug/L	97
41) Bromodichloromethane	6.55	83	118674	20.314	ug/L	98
42) cis-1,3-Dichloropropene	7.07	75	112044	17.845	ug/L	95
44) Toluene	7.43	91	390125	21.320	ug/L	99
45) trans-1,3-Dichloropropene	7.69	75	47600	8.131	ug/L	100
47) Tetrachloroethene	8.02	164	179316	41.848	ug/L	96
49) 2-Hexanone	8.18	43	95047	41.749	ug/L	94
50) Dibromochloromethane	8.29	129	90976	19.756	ug/L	98
53) Ethylbenzene	9.05	91	321936	15.486	ug/L	100
54) m,p-Xylene	9.19	106	82563	10.260	ug/L	93
55) o-xylene	9.59	106	98981	12.753	ug/L	98
57) Isopropylbenzene	9.97	105	265365	12.831	ug/L	99
63) 1,3-Dichlorobenzene	11.22	146	218827	20.282	ug/L	98
65) 1,2-Dichlorobenzene	11.69	146	107365	10.307	ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.48	75	13458	16.166	ug/L	94

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

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