

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV050919\
 Data File : VV010806.D
 Acq On : 10 May 2019 10:59
 Operator : SY/MD
 Sample : K2737-09
 Misc : 5.00G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DB847

Quant Time: May 10 23:23:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050719S.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 10 22:59:03 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	92795	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	93143	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	43456	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	32320	22.42	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.68%
7) Chloroethane-d5	1.56	69	29054	24.49	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.96%
10) 1,1-Dichloroethene-d2	2.13	63	74575	23.85	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	95.40%
20) 2-Butanone-d5	3.93	46	19135	44.23	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.46%
24) Chloroform-d	4.40	84	54895	21.70	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	86.80%
26) 1,2-Dichloroethane-d4	5.08	65	37042	23.44	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.76%
29) Benzene-d6	5.10	84	120569	24.59	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.36%
33) 1,2-Dichloropropane-d6	6.12	67	37121	23.76	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.04%
37) Toluene-d8	7.36	98	112336	23.93	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.72%
38) trans-1,3-Dichloropropene-	7.66	79	16223	22.78	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.12%
39) 2-Hexanone-d5	8.13	63	14691	44.94	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.88%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	33076	22.53	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	90.12%
61) 1,2-Dichlorobenzene-d4	11.67	152	40400	24.00	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.00%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.25	50	28451	18.198	ug/L	95
6) Bromomethane	1.51	94	6608	7.506	ug/L	97
9) Trichlorofluoromethane	1.76	101	41996	15.368	ug/L	99
12) 1,1-Dichloroethene	2.13	96	32422	22.194	ug/L #	83
13) Acetone	2.19	43	43989	65.685	ug/L	99
15) Methyl Acetate	2.46	43	24477	30.595	ug/L	100
16) Methylene chloride	2.53	84	15620	10.887	ug/L	96
17) Methyl tert-butyl Ether	2.80	73	99810	27.285	ug/L	98
18) trans-1,2-Dichloroethene	2.79	96	13443	10.180	ug/L	96
22) cis-1,2-Dichloroethene	3.96	96	35734	23.689	ug/L	98
23) Bromochloromethane	4.29	128	9609	14.171	ug/L	96
27) 1,2-Dichloroethane	5.18	62	19038	9.274	ug/L	99
30) Cyclohexane	4.72	56	22967	9.832	ug/L	98
31) 1,1,1-Trichloroethane	4.66	97	23215	9.996	ug/L	99
32) Carbon tetrachloride	4.87	117	24377	12.050	ug/L	97
35) Trichloroethene	5.96	95	58216	38.010	ug/L	98
36) Methylcyclohexane	6.17	83	62327	25.391	ug/L	98

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40) 1,2-Dichloropropane	6.22	63	18311	12.589	ug/L #	96
41) Bromodichloromethane	6.55	83	36197	18.111	ug/L	100
42) cis-1,3-Dichloropropene	7.07	75	37027	16.094	ug/L	98
44) Toluene	7.43	91	123768	19.930	ug/L	99
45) trans-1,3-Dichloropropene	7.69	75	14406	7.436	ug/L	97
47) Tetrachloroethene	8.02	164	43364	39.095	ug/L	92
49) 2-Hexanone	8.18	43	35833	38.493	ug/L	99
50) Dibromochloromethane	8.29	129	24225	17.629	ug/L	99
53) Ethylbenzene	9.05	91	105084	14.594	ug/L	100
54) m,p-Xylene	9.19	106	25431	9.453	ug/L	98
55) o-xylene	9.59	106	30909	11.584	ug/L	96
57) Isopropylbenzene	9.97	105	85299	11.981	ug/L	98
63) 1,3-Dichlorobenzene	11.22	146	58739	19.418	ug/L	99
65) 1,2-Dichlorobenzene	11.69	146	27376	9.318	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.48	75	4238	15.545	ug/L	87

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

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