

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV052819\
 Data File : VV011065.D
 Acq On : 28 May 2019 15:16
 Operator : SY/MD
 Sample : K3016-25
 Misc : 5.00G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A51H1

Quant Time: May 29 02:37:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM052819S.M
 Quant Title : VOC Analysis
 QLast Update : Wed May 29 02:15:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	464415	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	443072	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	212322	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	154899	24.33	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.32%
7) Chloroethane-d5	1.56	69	111038	24.43	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.72%
10) 1,1-Dichloroethene-d2	2.12	63	272290	22.99	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	91.96%
20) 2-Butanone-d5	3.94	46	118493	53.99	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	107.98%
24) Chloroform-d	4.40	84	275262	24.44	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.76%
26) 1,2-Dichloroethane-d4	5.08	65	181230	25.17	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.68%
29) Benzene-d6	5.09	84	646736	24.93	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.72%
33) 1,2-Dichloropropane-d6	6.12	67	207265	25.11	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.44%
37) Toluene-d8	7.36	98	603561	25.24	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	100.96%
38) trans-1,3-Dichloropropene-	7.66	79	93807	24.39	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	97.56%
39) 2-Hexanone-d5	8.13	63	90237	50.18	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.36%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	175082	24.67	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	98.68%
61) 1,2-Dichlorobenzene-d4	11.67	152	208327	24.81	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.24%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.14	85	69963	9.239	ug/L	99
3) Chloromethane	1.25	50	93361	12.498	ug/L	100
5) Vinyl chloride	1.32	62	163039	23.649	ug/L	99
6) Bromomethane	1.51	94	45050	15.163	ug/L	99
8) Chloroethane	1.58	64	33540	8.968	ug/L	99
9) Trichlorofluoromethane	1.76	101	98271	10.642	ug/L	99
11) 1,1,2-Trichloro-1,2,2-trif	2.13	101	105174	21.225	ug/L	98
12) 1,1-Dichloroethene	2.13	96	76227	16.349	ug/L #	79
15) Methyl Acetate	2.46	43	77802	21.682	ug/L #	100
16) Methylene chloride	2.53	84	139755	20.584	ug/L	99
17) Methyl tert-butyl Ether	2.80	73	707628	40.516	ug/L	99
21) 2-Butanone	4.02	43	259276	84.685	ug/L	94
25) Chloroform	4.42	83	262567	20.052	ug/L	98
30) Cyclohexane	4.72	56	244902	19.082	ug/L	99
34) Benzene	5.14	78	1070394	39.951	ug/L	100
35) Trichloroethene	5.96	95	340397	48.645	ug/L	98
44) Toluene	7.43	91	1411422	48.451	ug/L	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1,2-Trichloroethane	7.88	97	102112	19.296	ug/L	98
47) Tetrachloroethene	8.02	164	49024	9.714	ug/L	97
52) Chlorobenzene	8.92	112	221719	12.281	ug/L	100
53) Ethylbenzene	9.05	91	792575	23.866	ug/L	100
54) m,p-Xylene	9.18	106	348163	28.145	ug/L	98
55) o-xylene	9.59	106	292301	24.317	ug/L	98
56) Styrene	9.60	104	207799	10.196	ug/L	96
57) Isopropylbenzene	9.97	105	615475	19.185	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.29	83	79550	11.411	ug/L	99
62) Bromoform	9.77	173	38854	10.878	ug/L	99
63) 1,3-Dichlorobenzene	11.22	146	267884	19.178	ug/L	99
64) 1,4-Dichlorobenzene	11.32	146	134441	9.672	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	156644	19.166	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	217699	29.108	ug/L	98

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

