

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042919\
 Data File : VW010183.D
 Acq On : 29 Apr 2019 16:11
 Operator : SY/VA
 Sample : K2606-01
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A5104

Quant Time: Apr 30 17:48:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM042919S.M
 Quant Title : VOC Analysis
 QLast Update : Mon Apr 29 15:05:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	687249	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	635798	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	312362	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	165869	21.27	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.08%
7) Chloroethane-d5	2.89	69	143337	22.42	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.68%
10) 1,1-Dichloroethene-d2	4.01	63	381575	22.01	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	88.04%
20) 2-Butanone-d5	7.07	46	120304	41.84	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.68%
24) Chloroform-d	7.64	84	385463	21.64	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	86.56%
26) 1,2-Dichloroethane-d4	8.30	65	222020	21.70	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	86.80%
29) Benzene-d6	8.27	84	765599	22.36	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.44%
33) 1,2-Dichloropropane-d6	9.27	67	238470	22.30	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.20%
37) Toluene-d8	10.32	98	687258	22.07	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.28%
38) trans-1,3-Dichloropropene-	10.58	79	109238	22.17	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.68%
39) 2-Hexanone-d5	10.93	63	95066	42.30	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.60%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	190518	20.86	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	83.44%
61) 1,2-Dichlorobenzene-d4	13.86	152	251034	21.64	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.56%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	2.21	50	182447	22.455	ug/L	95
6) Bromomethane	2.78	94	59695	10.485	ug/L	99
9) Trichlorofluoromethane	3.25	101	84103	15.512	ug/L	97
12) 1,1-Dichloroethene	4.03	96	190777	22.864	ug/L	96
13) Acetone	4.12	43	177031	77.901	ug/L	99
15) Methyl Acetate	4.67	43	171764	34.813	ug/L	100
16) Methylene chloride	4.92	84	97568	8.532	ug/L	93
17) Methyl tert-butyl Ether	5.42	73	353358	32.577	ug/L	99
18) trans-1,2-Dichloroethene	5.42	96	97474	11.057	ug/L	100
22) cis-1,2-Dichloroethene	7.17	96	253478	26.590	ug/L	97
23) Bromochloromethane	7.51	128	67754	15.459	ug/L	96
27) 1,2-Dichloroethane	8.40	62	119050	10.032	ug/L	96
30) Cyclohexane	7.95	56	158895	11.037	ug/L	98
31) 1,1,1-Trichloroethane	7.87	97	146015	10.992	ug/L	99
32) Carbon tetrachloride	8.07	117	175727	13.328	ug/L	99
35) Trichloroethene	9.09	95	411407	43.246	ug/L	99
36) Methylcyclohexane	9.33	83	455554	28.775	ug/L	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
40) 1,2-Dichloropropane	9.37	63	123714	13.362	ug/L	100
41) Bromodichloromethane	9.64	83	251692	20.678	ug/L	98
42) cis-1,3-Dichloropropene	10.07	75	258369	17.939	ug/L	97
44) Toluene	10.38	91	842389	22.061	ug/L	98
45) trans-1,3-Dichloropropene	10.60	75	107418	8.573	ug/L	99
47) Tetrachloroethene	10.86	164	333354	42.228	ug/L	97
49) 2-Hexanone	10.97	43	199425	42.752	ug/L	99
50) Dibromochloromethane	11.13	129	169263	19.698	ug/L	98
53) Ethylbenzene	11.73	91	690981	15.983	ug/L	100
54) m,p-Xylene	11.85	106	175611	10.793	ug/L	96
55) o-xylene	12.17	106	197297	12.828	ug/L	95
57) Isopropylbenzene	12.47	105	553835	13.233	ug/L	99
63) 1,3-Dichlorobenzene	13.50	146	399496	21.177	ug/L	99
65) 1,2-Dichlorobenzene	13.87	146	186633	10.503	ug/L	98
66) 1,2-Dibromo-3-chloropropan	14.49	75	26869	18.211	ug/L	95

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

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