

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW030119\
 Data File : VW008917.D
 Acq On : 01 Mar 2019 12:06
 Operator : SY/VA
 Sample : K1657-22
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DB639

Manual Integrations
 APPROVED

MMDadoda
 3/5/2019 11:47:17 PM

Quant Time: Mar 02 03:08:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM022019S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 02 02:55:16 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	430243	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	416674	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	221918	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	158073	23.62	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.48%
7) Chloroethane-d5	2.88	69	146671	24.41	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.64%
10) 1,1-Dichloroethene-d2	4.02	63	283331	25.45	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	101.80%
20) 2-Butanone-d5	7.08	46	97772	48.99	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.98%
24) Chloroform-d	7.65	84	252123m	24.23	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.92%
26) 1,2-Dichloroethane-d4	8.30	65	161833	26.36	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	105.44%
29) Benzene-d6	8.27	84	548332	27.41	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	109.64%
33) 1,2-Dichloropropane-d6	9.27	67	163909	27.97	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	111.88%
37) Toluene-d8	10.32	98	543518	27.13	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	108.52%
38) trans-1,3-Dichloropropene-	10.58	79	76179	25.94	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	103.76%
39) 2-Hexanone-d5	10.93	63	78333	49.07	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.14%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	145587	24.74	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	98.96%
61) 1,2-Dichlorobenzene-d4	13.86	152	212771	26.90	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	107.60%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	2.21	50	176530	20.663	ug/L	98
6) Bromomethane	2.77	94	68033	11.714	ug/L	100
9) Trichlorofluoromethane	3.26	101	167927	16.033	ug/L	99
12) 1,1-Dichloroethene	4.04	96	121369	22.615	ug/L	92
13) Acetone	4.13	43	131463	69.429	ug/L	99
15) Methyl Acetate	4.68	43	127456	33.749	ug/L	95
16) Methylene chloride	4.92	84	74741	10.743	ug/L	86
17) Methyl tert-butyl Ether	5.43	73	460714	30.526	ug/L	98
18) trans-1,2-Dichloroethene	5.42	96	64575	10.929	ug/L	92
22) cis-1,2-Dichloroethene	7.17	96	163049	25.730	ug/L	92
23) Bromochloromethane	7.51	128	43483	14.996	ug/L #	84
27) 1,2-Dichloroethane	8.40	62	78532	10.225	ug/L #	95
30) Cyclohexane	7.95	56	102770	10.479	ug/L	95
31) 1,1,1-Trichloroethane	7.87	97	102604	10.666	ug/L	96
32) Carbon tetrachloride	8.07	117	115880	13.181	ug/L	100
35) Trichloroethene	9.09	95	261691	42.891	ug/L	97
36) Methylcyclohexane	9.34	83	279610	25.827	ug/L	95

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

40) 1,2-Dichloropropane	9.37	63	75791	13.573	ug/L	98
41) Bromodichloromethane	9.65	83	161554	21.278	ug/L	99
42) cis-1,3-Dichloropropene	10.07	75	160878	17.762	ug/L	98
44) Toluene	10.39	91	562107	21.630	ug/L	98
45) trans-1,3-Dichloropropene	10.60	75	66901	8.272	ug/L	92
47) Tetrachloroethene	10.86	164	231943	41.758	ug/L	93
49) 2-Hexanone	10.97	43	158050	39.957	ug/L #	90
50) Dibromochloromethane	11.13	129	114890	20.299	ug/L	97
53) Ethylbenzene	11.73	91	476918	15.795	ug/L	99
54) m,p-Xylene	11.85	106	122248	10.296	ug/L	91
55) o-xylene	12.17	106	142470	12.473	ug/L	90
57) Isopropylbenzene	12.47	105	390074	12.802	ug/L	99
63) 1,3-Dichlorobenzene	13.50	146	302487	20.884	ug/L	97
65) 1,2-Dichlorobenzene	13.87	146	141319	10.534	ug/L	97
66) 1,2-Dibromo-3-chloropropan	14.49	75	19466	16.341	ug/L	95

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

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