

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW041619\
 Data File : VW009997.D
 Acq On : 16 Apr 2019 15:05
 Operator : SY/VA
 Sample : K2402-19
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAHJ9

Quant Time: Apr 16 15:29:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM041519S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 16 01:53:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	675049	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	637398	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	311695	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	172586	27.06	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	108.24%
7) Chloroethane-d5	2.89	69	148799	23.03	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.12%
10) 1,1-Dichloroethene-d2	4.01	63	443189	25.05	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	100.20%
20) 2-Butanone-d5	7.07	46	162108	46.98	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.96%
24) Chloroform-d	7.65	84	413704	21.20	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	84.80%
26) 1,2-Dichloroethane-d4	8.31	65	260663	21.53	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	86.12%
29) Benzene-d6	8.27	84	823294	23.50	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.00%
33) 1,2-Dichloropropane-d6	9.27	67	253843	22.75	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.00%
37) Toluene-d8	10.32	98	748309	23.42	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.68%
38) trans-1,3-Dichloropropene-	10.58	79	125392	23.70	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.80%
39) 2-Hexanone-d5	10.93	63	126854	51.31	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.62%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	229356	21.98	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	87.92%
61) 1,2-Dichlorobenzene-d4	13.86	152	257402	21.97	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	87.88%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	2.21	50	167528	19.406	ug/L	100
6) Bromomethane	2.78	94	56470	9.416	ug/L	99
9) Trichlorofluoromethane	3.26	101	98691	14.762	ug/L	100
12) 1,1-Dichloroethene	4.04	96	192091	23.570	ug/L	90
13) Acetone	4.12	43	229128	74.668	ug/L	98
15) Methyl Acetate	4.67	43	238074	38.439	ug/L	100
16) Methylene chloride	4.91	84	126951	10.386	ug/L	99
17) Methyl tert-butyl Ether	5.43	73	363768	30.498	ug/L	100
18) trans-1,2-Dichloroethene	5.42	96	98627	10.693	ug/L	97
22) cis-1,2-Dichloroethene	7.17	96	254927	25.468	ug/L	98
23) Bromochloromethane	7.51	128	67200	14.416	ug/L	94
27) 1,2-Dichloroethane	8.40	62	140507	9.701	ug/L	99
30) Cyclohexane	7.95	56	166460	11.555	ug/L	99
31) 1,1,1-Trichloroethane	7.87	97	149321	11.217	ug/L	99
32) Carbon tetrachloride	8.06	117	176530	13.507	ug/L	100
35) Trichloroethene	9.09	95	410248	42.021	ug/L	99
36) Methylcyclohexane	9.34	83	453920	28.938	ug/L	99

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40) 1,2-Dichloropropane	9.37	63	130293	13.121	ug/L	99
41) Bromodichloromethane	9.64	83	265163	19.559	ug/L	97
42) cis-1,3-Dichloropropene	10.07	75	267644	17.482	ug/L	97
44) Toluene	10.39	91	853954	21.437	ug/L	98
45) trans-1,3-Dichloropropene	10.60	75	115738	8.562	ug/L	97
47) Tetrachloroethene	10.86	164	316352	41.482	ug/L	99
49) 2-Hexanone	10.97	43	172223	29.641	ug/L	95
50) Dibromochloromethane	11.13	129	177201	19.276	ug/L	97
53) Ethylbenzene	11.73	91	699854	15.719	ug/L	98
54) m,p-Xylene	11.85	106	173265	10.639	ug/L	96
55) o-xylene	12.17	106	201754	12.917	ug/L	99
57) Isopropylbenzene	12.47	105	553576	13.306	ug/L	99
63) 1,3-Dichlorobenzene	13.50	146	385886	20.491	ug/L	99
65) 1,2-Dichlorobenzene	13.87	146	187580	10.152	ug/L	97
66) 1,2-Dibromo-3-chloropropan	14.49	75	36455	19.495	ug/L	95

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

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