

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW122818\
 Data File : VW007996.D
 Acq On : 28 Dec 2018 10:12
 Operator : SY/AP
 Sample : J6540-17
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAEP8

Quant Time: Dec 28 23:01:15 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122618S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 28 22:34:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	92114	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	83676	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	41940	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	21789	24.00	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.00%
7) Chloroethane-d5	2.89	69	15530	25.39	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.56%
10) 1,1-Dichloroethene-d2	4.01	63	56419	22.96	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	91.84%
20) 2-Butanone-d5	7.07	46	19600	50.63	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.26%
24) Chloroform-d	7.65	84	58473	23.86	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.44%
26) 1,2-Dichloroethane-d4	8.31	65	36964	25.16	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.64%
29) Benzene-d6	8.27	84	111701	23.80	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.20%
33) 1,2-Dichloropropane-d6	9.27	67	30645	24.01	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.04%
37) Toluene-d8	10.32	98	107175	23.44	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.76%
38) trans-1,3-Dichloropropene-	10.58	79	17347	23.67	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.68%
39) 2-Hexanone-d5	10.93	63	15943	48.83	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.66%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	30352	24.71	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	98.84%
61) 1,2-Dichlorobenzene-d4	13.86	152	40037	23.63	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.52%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.21	50	15777	19.720	ug/L	92
6) Bromomethane	2.78	94	5884	9.965	ug/L	99
9) Trichlorofluoromethane	3.26	101	13802	16.060	ug/L	98
12) 1,1-Dichloroethene	4.03	96	24228	22.753	ug/L	89
13) Acetone	4.12	43	23260	61.494	ug/L	100
15) Methyl Acetate	4.66	43	21030	36.537	ug/L	99
16) Methylene chloride	4.91	84	13835	9.282	ug/L	96
17) Methyl tert-butyl Ether	5.42	73	57932	30.610	ug/L	100
18) trans-1,2-Dichloroethene	5.42	96	11907	10.309	ug/L	97
22) cis-1,2-Dichloroethene	7.16	96	29768	24.051	ug/L	93
23) Bromochloromethane	7.51	128	8515	15.281	ug/L	97
27) 1,2-Dichloroethane	8.40	62	16047	10.110	ug/L	96
30) Cyclohexane	7.95	56	17027	9.249	ug/L	95
31) 1,1,1-Trichloroethane	7.87	97	20441	10.189	ug/L	99
32) Carbon tetrachloride	8.07	117	24691	12.819	ug/L	100
35) Trichloroethene	9.09	95	50683	38.960	ug/L	99
36) Methylcyclohexane	9.34	83	54702	24.521	ug/L	99

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40) 1,2-Dichloropropane	9.37	63	12791	12.153	ug/L #	96
41) Bromodichloromethane	9.65	83	31732	20.499	ug/L	99
42) cis-1,3-Dichloropropene	10.07	75	30314	16.499	ug/L	97
44) Toluene	10.39	91	100638	20.089	ug/L	94
45) trans-1,3-Dichloropropene	10.61	75	13219	7.808	ug/L	100
47) Tetrachloroethene	10.86	164	40680	39.358	ug/L	98
49) 2-Hexanone	10.97	43	21371	35.558	ug/L	96
50) Dibromochloromethane	11.13	129	21836	19.248	ug/L	99
53) Ethylbenzene	11.73	91	86527	15.033	ug/L	99
54) m,p-Xylene	11.85	106	21747	10.029	ug/L	99
55) o-xylene	12.17	106	25054	12.182	ug/L	97
57) Isopropylbenzene	12.47	105	71705	12.308	ug/L	99
63) 1,3-Dichlorobenzene	13.51	146	50438	18.811	ug/L	96
65) 1,2-Dichlorobenzene	13.88	146	23714	9.743	ug/L	97
66) 1,2-Dibromo-3-chloropropan	14.49	75	4738	19.744	ug/L	92

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

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