

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW031419\
 Data File : VW009174.D
 Acq On : 14 Mar 2019 17:11
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02507

Quant Time: Mar 15 06:50:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 14 16:36:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	514607	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	480017	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	245137	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	168507	27.40	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	109.60%
7) Chloroethane-d5	2.89	69	171141	23.78	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.12%
10) 1,1-Dichloroethene-d2	4.02	63	340237	25.60	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	102.40%
20) 2-Butanone-d5	7.07	46	122769	48.27	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.54%
24) Chloroform-d	7.65	84	345572	24.61	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.44%
26) 1,2-Dichloroethane-d4	8.30	65	204344	24.15	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.60%
29) Benzene-d6	8.27	84	668911	25.27	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	101.08%
33) 1,2-Dichloropropane-d6	9.27	67	200329	25.20	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.80%
37) Toluene-d8	10.32	98	626842	25.61	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	102.44%
38) trans-1,3-Dichloropropene-	10.58	79	100197	25.09	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	100.36%
39) 2-Hexanone-d5	10.93	63	97301	50.53	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.06%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	192673	24.61	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	98.44%
61) 1,2-Dichlorobenzene-d4	13.85	152	234916	24.99	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.96%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	2.01	85	162584	23.983	ug/L	91
3) Chloromethane	2.22	50	187029	26.004	ug/L	98
5) Vinyl chloride	2.37	62	206056	27.834	ug/L	98
6) Bromomethane	2.78	94	159324	25.688	ug/L	98
8) Chloroethane	2.93	64	152579	24.911	ug/L	94
9) Trichlorofluoromethane	3.26	101	164209	28.081	ug/L	100
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	160656	23.790	ug/L	95
12) 1,1-Dichloroethene	4.03	96	166157	26.220	ug/L	94
13) Acetone	4.12	43	115562	55.410	ug/L	99
14) Carbon disulfide	4.38	76	482866	28.313	ug/L	100
15) Methyl Acetate	4.67	43	101163	24.691	ug/L	98
16) Methylene chloride	4.91	84	166130	22.138	ug/L	97
17) Methyl tert-butyl Ether	5.42	73	222529	24.818	ug/L	98
18) trans-1,2-Dichloroethene	5.41	96	173296	26.011	ug/L	97
19) 1,1-Dichloroethane	6.21	63	313662	25.820	ug/L	98
21) 2-Butanone	7.16	43	152793	53.059	ug/L	97
22) cis-1,2-Dichloroethene	7.16	96	187455	25.973	ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	86892	25.101	ug/L	99
25) Chloroform	7.67	83	324417	25.501	ug/L	99
27) 1,2-Dichloroethane	8.40	62	239812	25.283	ug/L	100
30) Cyclohexane	7.95	56	300366	27.552	ug/L	100
31) 1,1,1-Trichloroethane	7.87	97	256046	26.707	ug/L	99
32) Carbon tetrachloride	8.06	117	262076	27.094	ug/L	97
34) Benzene	8.32	78	700014	26.643	ug/L	100
35) Trichloroethene	9.09	95	182182	26.023	ug/L	99
36) Methylcyclohexane	9.34	83	329418	27.197	ug/L	100
40) 1,2-Dichloropropane	9.37	63	175001	25.957	ug/L	98
41) Bromodichloromethane	9.64	83	242708	25.982	ug/L	99
42) cis-1,3-Dichloropropene	10.07	75	290077	26.417	ug/L	100
43) 4-Methyl-2-pentanone	10.21	43	302365	49.493	ug/L	100
44) Toluene	10.38	91	761098	26.495	ug/L	96
45) trans-1,3-Dichloropropene	10.60	75	249014	26.069	ug/L	100
46) 1,1,2-Trichloroethane	10.79	97	137251	25.518	ug/L	98
47) Tetrachloroethene	10.86	164	154142	26.058	ug/L	99
49) 2-Hexanone	10.97	43	224665	52.214	ug/L	99
50) Dibromochloromethane	11.13	129	171304	25.800	ug/L	96
51) 1,2-Dibromoethane	11.24	107	138730	25.442	ug/L	95
52) Chlorobenzene	11.66	112	481642	26.141	ug/L	98
53) Ethylbenzene	11.73	91	868268	26.884	ug/L	98
54) m,p-Xylene	11.84	106	329761	26.876	ug/L	95
55) o-xylene	12.16	106	319429	26.685	ug/L	97
56) Styrene	12.18	104	546660	26.766	ug/L	97
57) Isopropylbenzene	12.46	105	873396	27.238	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	183895	25.343	ug/L #	98
59) 1,2,3-Trichloropropane	12.77	75	137021	25.445	ug/L	98
62) Bromoform	12.35	173	107713	26.006	ug/L	99
63) 1,3-Dichlorobenzene	13.50	146	384678	26.330	ug/L	99
64) 1,4-Dichlorobenzene	13.58	146	394632	26.126	ug/L	96
65) 1,2-Dichlorobenzene	13.87	146	365863	26.259	ug/L	98
66) 1,2-Dibromo-3-chloropropan	14.49	75	33278	24.371	ug/L	97
67) 1,3,5-Trichlorobenzene	14.63	180	301724	26.478	ug/L	99
68) 1,2,4-trichlorobenzene	15.14	180	253148	26.447	ug/L	99
69) Naphthalene	15.37	128	529338	26.674	ug/L	100
70) 1,2,3-Trichlorobenzene	15.56	180	235410	26.258	ug/L	99

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

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