

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW042419\
 Data File : VW010148.D
 Acq On : 25 Apr 2019 19:02
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02522

Quant Time: Apr 26 01:05:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM042419S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 26 00:57:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	709202	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	666549	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	328831	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	177049	26.12	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	104.48%
7) Chloroethane-d5	2.89	69	151655	27.07	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	108.28%
10) 1,1-Dichloroethene-d2	4.01	63	464314	23.34	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	93.36%
20) 2-Butanone-d5	7.08	46	168386	52.60	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.20%
24) Chloroform-d	7.64	84	471519	24.97	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.88%
26) 1,2-Dichloroethane-d4	8.30	65	275806	24.98	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.92%
29) Benzene-d6	8.27	84	946584	25.07	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.28%
33) 1,2-Dichloropropane-d6	9.27	67	297348	25.26	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.04%
37) Toluene-d8	10.32	98	865400	25.24	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	100.96%
38) trans-1,3-Dichloropropene-	10.58	79	129838	23.94	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.76%
39) 2-Hexanone-d5	10.93	63	141101	57.06	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	114.12%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	259175	26.53	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	106.12%
61) 1,2-Dichlorobenzene-d4	13.86	152	304827	25.04	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.16%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	247308	25.921 ug/L	97
3) Chloromethane	2.21	50	195384	26.167 ug/L	99
5) Vinyl chloride	2.37	62	224152	26.572 ug/L	96
6) Bromomethane	2.78	94	139366	27.092 ug/L	99
8) Chloroethane	2.92	64	141826	27.800 ug/L	94
9) Trichlorofluoromethane	3.25	101	117795	25.648 ug/L	99
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	213103	23.902 ug/L	99
12) 1,1-Dichloroethene	4.03	96	226867	24.687 ug/L	90
13) Acetone	4.12	43	101436	41.984 ug/L	95
14) Carbon disulfide	4.38	76	657196	24.673 ug/L	99
15) Methyl Acetate	4.67	43	144997	25.365 ug/L	99
16) Methylene chloride	4.92	84	238295	23.973 ug/L	98
17) Methyl tert-butyl Ether	5.42	73	300892	24.805 ug/L	98
18) trans-1,2-Dichloroethene	5.42	96	239395	24.526 ug/L	98
19) 1,1-Dichloroethane	6.21	63	457308	24.754 ug/L	99
21) 2-Butanone	7.17	43	193313	51.601 ug/L	99
22) cis-1,2-Dichloroethene	7.17	96	263791	25.239 ug/L	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	122107	26.601	ug/L	93
25) Chloroform	7.67	83	457141	25.064	ug/L	98
27) 1,2-Dichloroethane	8.40	62	333086	24.782	ug/L	99
30) Cyclohexane	7.95	56	415219	23.999	ug/L	98
31) 1,1,1-Trichloroethane	7.87	97	341346	23.811	ug/L	99
32) Carbon tetrachloride	8.06	117	339712	23.936	ug/L	100
34) Benzene	8.32	78	1021670	25.199	ug/L	100
35) Trichloroethene	9.09	95	259403	24.260	ug/L	99
36) Methylcyclohexane	9.33	83	436204	24.343	ug/L	99
40) 1,2-Dichloropropane	9.37	63	266260	25.448	ug/L	100
41) Bromodichloromethane	9.64	83	338942	25.069	ug/L	95
42) cis-1,3-Dichloropropene	10.07	75	407134	25.021	ug/L	100
43) 4-Methyl-2-pentanone	10.21	43	429961	53.336	ug/L	99
44) Toluene	10.38	91	1084230	25.262	ug/L	99
45) trans-1,3-Dichloropropene	10.60	75	351463	25.031	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	200133	26.365	ug/L	98
47) Tetrachloroethene	10.86	164	205694	25.210	ug/L	98
49) 2-Hexanone	10.97	43	316357	55.523	ug/L	98
50) Dibromochloromethane	11.13	129	235056	25.842	ug/L	97
51) 1,2-Dibromoethane	11.23	107	193829	25.696	ug/L	96
52) Chlorobenzene	11.66	112	681674	25.102	ug/L	99
53) Ethylbenzene	11.73	91	1208533	25.089	ug/L	100
54) m,p-Xylene	11.84	106	450829	25.302	ug/L	98
55) o-xylene	12.16	106	432321	25.587	ug/L	99
56) Styrene	12.18	104	764724	26.612	ug/L	98
57) Isopropylbenzene	12.46	105	1156399	25.154	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.71	83	254951	26.517	ug/L	99
59) 1,2,3-Trichloropropane	12.77	75	191685	26.345	ug/L	99
62) Bromoform	12.35	173	139305	25.497	ug/L	99
63) 1,3-Dichlorobenzene	13.50	146	512599	24.500	ug/L	99
64) 1,4-Dichlorobenzene	13.58	146	534583	24.622	ug/L	99
65) 1,2-Dichlorobenzene	13.87	146	492814	25.466	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.49	75	44265	24.608	ug/L	91
67) 1,3,5-Trichlorobenzene	14.63	180	377042	24.575	ug/L	100
68) 1,2,4-trichlorobenzene	15.14	180	307538	24.637	ug/L	97
69) Naphthalene	15.37	128	689119	22.354	ug/L	99
70) 1,2,3-Trichlorobenzene	15.56	180	293116	25.079	ug/L	99

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

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