

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW042619\
 Data File : VW010158.D
 Acq On : 26 Apr 2019 16:24
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02524

Quant Time: Apr 26 23:16:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM042419S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 26 01:05:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	740030	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	683381	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	339067	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	181189	25.61	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	102.44%
7) Chloroethane-d5	2.89	69	151170	25.86	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	103.44%
10) 1,1-Dichloroethene-d2	4.02	63	452365	21.79	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	87.16%
20) 2-Butanone-d5	7.07	46	164766	49.32	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.64%
24) Chloroform-d	7.65	84	453326	23.01	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.04%
26) 1,2-Dichloroethane-d4	8.31	65	257432	22.34	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	89.36%
29) Benzene-d6	8.27	84	901775	23.30	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.20%
33) 1,2-Dichloropropane-d6	9.27	67	275285	22.81	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.24%
37) Toluene-d8	10.32	98	813918	23.15	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.60%
38) trans-1,3-Dichloropropene-	10.58	79	126389	22.73	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.92%
39) 2-Hexanone-d5	10.93	63	133704	52.73	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.46%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	246205	24.58	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	98.32%
61) 1,2-Dichlorobenzene-d4	13.86	152	296930	23.65	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.60%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	262485	26.366	ug/L 100
3) Chloromethane	2.21	50	188983	24.255	ug/L 98
5) Vinyl chloride	2.37	62	243775	27.694	ug/L 100
6) Bromomethane	2.78	94	141635	26.386	ug/L 99
8) Chloroethane	2.93	64	143592	26.974	ug/L 100
9) Trichlorofluoromethane	3.25	101	136121	28.403	ug/L 100
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	216615	23.284	ug/L 99
12) 1,1-Dichloroethene	4.03	96	233037	24.302	ug/L 90
13) Acetone	4.12	43	125989	49.975	ug/L 98
14) Carbon disulfide	4.38	76	664449	23.906	ug/L 99
15) Methyl Acetate	4.67	43	139403	23.371	ug/L 100
16) Methylene chloride	4.91	84	228282	22.009	ug/L 98
17) Methyl tert-butyl Ether	5.42	73	288282	22.775	ug/L 98
18) trans-1,2-Dichloroethene	5.41	96	238051	23.372	ug/L 98
19) 1,1-Dichloroethane	6.21	63	444030	23.034	ug/L 99
21) 2-Butanone	7.17	43	193231	49.431	ug/L 100
22) cis-1,2-Dichloroethene	7.17	96	258664	23.718	ug/L 96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	115802	24.177	ug/L	96
25) Chloroform	7.67	83	448649	23.574	ug/L	100
27) 1,2-Dichloroethane	8.40	62	315886	22.523	ug/L	98
30) Cyclohexane	7.95	56	423546	23.878	ug/L	98
31) 1,1,1-Trichloroethane	7.87	97	343744	23.388	ug/L	98
32) Carbon tetrachloride	8.07	117	346897	23.840	ug/L	100
34) Benzene	8.32	78	990155	23.821	ug/L	100
35) Trichloroethene	9.09	95	259694	23.689	ug/L	99
36) Methylcyclohexane	9.34	83	444469	24.193	ug/L	98
40) 1,2-Dichloropropane	9.37	63	253064	23.591	ug/L	100
41) Bromodichloromethane	9.65	83	324247	23.391	ug/L	97
42) cis-1,3-Dichloropropene	10.07	75	398748	23.902	ug/L	100
43) 4-Methyl-2-pentanone	10.21	43	397076	48.043	ug/L	98
44) Toluene	10.38	91	1062706	24.151	ug/L	99
45) trans-1,3-Dichloropropene	10.60	75	346987	24.103	ug/L	98
46) 1,1,2-Trichloroethane	10.79	97	189970	24.410	ug/L	97
47) Tetrachloroethene	10.86	164	210063	25.112	ug/L	97
49) 2-Hexanone	10.97	43	290429	49.717	ug/L	97
50) Dibromochloromethane	11.13	129	224568	24.081	ug/L	98
51) 1,2-Dibromoethane	11.23	107	189311	24.479	ug/L	97
52) Chlorobenzene	11.66	112	670280	24.075	ug/L	98
53) Ethylbenzene	11.73	91	1200688	24.312	ug/L	100
54) m,p-Xylene	11.84	106	449573	24.610	ug/L	98
55) o-xylene	12.16	106	429210	24.777	ug/L	98
56) Styrene	12.18	104	742844	25.214	ug/L	97
57) Isopropylbenzene	12.46	105	1161566	24.644	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.71	83	240116	24.359	ug/L	99
59) 1,2,3-Trichloropropane	12.77	75	177964	23.857	ug/L	99
62) Bromoform	12.35	173	134314	23.841	ug/L	99
63) 1,3-Dichlorobenzene	13.50	146	517469	23.986	ug/L	98
64) 1,4-Dichlorobenzene	13.58	146	526786	23.530	ug/L	99
65) 1,2-Dichlorobenzene	13.87	146	480126	24.062	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.49	75	41477	22.362	ug/L	90
67) 1,3,5-Trichlorobenzene	14.63	180	394568	24.941	ug/L	99
68) 1,2,4-trichlorobenzene	15.14	180	325640	25.300	ug/L	98
69) Naphthalene	15.37	128	692684	21.791	ug/L	100
70) 1,2,3-Trichlorobenzene	15.56	180	302698	25.117	ug/L	99

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

