

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW041119\
 Data File : VW009905.D
 Acq On : 11 Apr 2019 10:13
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02527

Quant Time: Apr 12 01:52:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 11 03:44:42 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	571684	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	535867	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	268136	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	196223	26.23	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	104.92%
7) Chloroethane-d5	2.89	69	164851	24.05	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.20%
10) 1,1-Dichloroethene-d2	4.01	63	471619	29.31	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	117.24%#
20) 2-Butanone-d5	7.07	46	128961	53.09	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.18%
24) Chloroform-d	7.65	84	436312	27.97	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	111.88%
26) 1,2-Dichloroethane-d4	8.31	65	253559	26.48	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	105.92%
29) Benzene-d6	8.27	84	833942	29.65	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	118.60%
33) 1,2-Dichloropropane-d6	9.27	67	246588	28.38	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	113.52%
37) Toluene-d8	10.32	98	765955	29.45	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	117.80%
38) trans-1,3-Dichloropropene-	10.58	79	113663	27.43	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	109.72%
39) 2-Hexanone-d5	10.93	63	94898	57.95	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	115.90%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	212869	26.35	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	105.40%
61) 1,2-Dichlorobenzene-d4	13.86	152	257737	27.39	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	109.56%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	2.01	85	197450	26.220	ug/L	96
3) Chloromethane	2.21	50	161149	20.707	ug/L	99
5) Vinyl chloride	2.37	62	223692	22.408	ug/L	96
6) Bromomethane	2.78	94	133901	19.385	ug/L	99
8) Chloroethane	2.93	64	141271	21.562	ug/L	100
9) Trichlorofluoromethane	3.26	101	133747	21.841	ug/L	99
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	217661	27.326	ug/L	95
12) 1,1-Dichloroethene	4.04	96	202135	26.621	ug/L	82
13) Acetone	4.12	43	130948	50.317	ug/L	97
14) Carbon disulfide	4.38	76	570746	24.182	ug/L	99
15) Methyl Acetate	4.67	43	113830	23.988	ug/L	99
16) Methylene chloride	4.92	84	220500	21.870	ug/L	95
17) Methyl tert-butyl Ether	5.42	73	279956	26.764	ug/L #	77
18) trans-1,2-Dichloroethene	5.42	96	205453	26.017	ug/L	94
19) 1,1-Dichloroethane	6.21	63	407911	26.917	ug/L	97
21) 2-Butanone	7.17	43	168579	50.932	ug/L	99
22) cis-1,2-Dichloroethene	7.16	96	223209	26.428	ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	99840	25.766	ug/L	97
25) Chloroform	7.67	83	418297	26.351	ug/L	99
27) 1,2-Dichloroethane	8.40	62	310627	25.872	ug/L	99
30) Cyclohexane	7.95	56	364754	28.839	ug/L	99
31) 1,1,1-Trichloroethane	7.87	97	339413	27.921	ug/L	99
32) Carbon tetrachloride	8.06	117	335560	27.533	ug/L	99
34) Benzene	8.32	78	878429	27.246	ug/L	100
35) Trichloroethene	9.09	95	228866	27.125	ug/L	99
36) Methylcyclohexane	9.34	83	395163	28.487	ug/L	100
40) 1,2-Dichloropropane	9.37	63	226415	27.434	ug/L	98
41) Bromodichloromethane	9.64	83	304752	26.761	ug/L	98
42) cis-1,3-Dichloropropene	10.07	75	349043	27.299	ug/L	99
43) 4-Methyl-2-pentanone	10.21	43	341060	53.201	ug/L	100
44) Toluene	10.38	91	942997	27.610	ug/L	98
45) trans-1,3-Dichloropropene	10.60	75	299598	27.179	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	160420	25.896	ug/L	94
47) Tetrachloroethene	10.86	164	181920	27.376	ug/L	98
49) 2-Hexanone	10.97	43	258941	54.246	ug/L	99
50) Dibromochloromethane	11.13	129	197599	25.963	ug/L	97
51) 1,2-Dibromoethane	11.23	107	158352	25.504	ug/L	99
52) Chlorobenzene	11.66	112	585378	26.627	ug/L	99
53) Ethylbenzene	11.73	91	1090852	28.038	ug/L	99
54) m,p-Xylene	11.84	106	400518	27.833	ug/L	99
55) o-xylene	12.17	106	383391	27.975	ug/L	96
56) Styrene	12.18	104	659773	27.745	ug/L	99
57) Isopropylbenzene	12.46	105	1076815	28.694	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	12.72	83	215825	25.909	ug/L	99
59) 1,2,3-Trichloropropane	12.77	75	159730	25.760	ug/L	100
62) Bromoform	12.35	173	116303	24.669	ug/L	98
63) 1,3-Dichlorobenzene	13.50	146	447633	26.987	ug/L	99
64) 1,4-Dichlorobenzene	13.58	146	466014	26.347	ug/L	99
65) 1,2-Dichlorobenzene	13.87	146	425152	26.792	ug/L	98
66) 1,2-Dibromo-3-chloropropan	14.49	75	36687	23.751	ug/L	95
67) 1,3,5-Trichlorobenzene	14.63	180	340376	27.657	ug/L	99
68) 1,2,4-trichlorobenzene	15.14	180	273047	27.626	ug/L	99
69) Naphthalene	15.37	128	555036	27.941	ug/L	100
70) 1,2,3-Trichlorobenzene	15.57	180	259798	28.099	ug/L	100

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

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