

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW041119\
 Data File : VW009965.D
 Acq On : 12 Apr 2019 19:17
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02530

Quant Time: Apr 13 01:37:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 12 23:54:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	534890	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	509865	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	266320	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	167742	23.97	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.88%
7) Chloroethane-d5	2.89	69	145286	22.66	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.64%
10) 1,1-Dichloroethene-d2	4.02	63	397378	26.40	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	105.60%
20) 2-Butanone-d5	7.08	46	148523	65.35	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	130.70%
24) Chloroform-d	7.64	84	391906	26.85	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	107.40%
26) 1,2-Dichloroethane-d4	8.30	65	240298	26.82	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	107.28%
29) Benzene-d6	8.27	84	741796	27.71	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	110.84%
33) 1,2-Dichloropropane-d6	9.27	67	225489	27.28	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	109.12%
37) Toluene-d8	10.32	98	669547	27.06	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	108.24%
38) trans-1,3-Dichloropropene-	10.57	79	106788	27.08	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	108.32%
39) 2-Hexanone-d5	10.93	63	109830	70.49	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	140.98%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	225145	29.29	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	117.16%
61) 1,2-Dichlorobenzene-d4	13.85	152	243852	26.09	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	104.36%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	2.01	85	149936	21.280	ug/L	95
3) Chloromethane	2.21	50	161507	22.180	ug/L	100
5) Vinyl chloride	2.37	62	189498	20.289	ug/L	94
6) Bromomethane	2.78	94	117938	18.248	ug/L	97
8) Chloroethane	2.92	64	123103	20.081	ug/L	98
9) Trichlorofluoromethane	3.26	101	118526	20.686	ug/L	100
11) 1,1,2-Trichloro-1,2,2-trif	4.05	101	185632	24.908	ug/L #	42
12) 1,1-Dichloroethene	4.04	96	178002	25.055	ug/L	88
13) Acetone	4.12	43	126629	52.004	ug/L	97
14) Carbon disulfide	4.38	76	473680	21.450	ug/L	99
15) Methyl Acetate	4.67	43	125433	28.252	ug/L	96
16) Methylene chloride	4.92	84	203720	21.595	ug/L	97
17) Methyl tert-butyl Ether	5.42	73	255929	26.150	ug/L	98
18) trans-1,2-Dichloroethene	5.41	96	179405	24.281	ug/L	98
19) 1,1-Dichloroethane	6.21	63	364339	25.695	ug/L	98
21) 2-Butanone	7.17	43	185275	59.827	ug/L	97
22) cis-1,2-Dichloroethene	7.17	96	198689	25.143	ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	91293	25.181	ug/L	95
25) Chloroform	7.67	83	372949	25.111	ug/L	100
27) 1,2-Dichloroethane	8.40	62	286890	25.539	ug/L	98
30) Cyclohexane	7.95	56	310512	25.803	ug/L	98
31) 1,1,1-Trichloroethane	7.87	97	292388	25.279	ug/L	99
32) Carbon tetrachloride	8.06	117	289853	24.996	ug/L	99
34) Benzene	8.32	78	781619	25.480	ug/L	100
35) Trichloroethene	9.09	95	200153	24.932	ug/L	99
36) Methylcyclohexane	9.33	83	336634	25.505	ug/L	99
40) 1,2-Dichloropropane	9.37	63	204203	26.005	ug/L	99
41) Bromodichloromethane	9.64	83	275103	25.390	ug/L	98
42) cis-1,3-Dichloropropene	10.07	75	314803	25.877	ug/L	97
43) 4-Methyl-2-pentanone	10.21	43	372394	61.051	ug/L	99
44) Toluene	10.38	91	844215	25.979	ug/L	98
45) trans-1,3-Dichloropropene	10.60	75	275798	26.295	ug/L	98
46) 1,1,2-Trichloroethane	10.79	97	157258	26.680	ug/L	95
47) Tetrachloroethene	10.86	164	157102	24.847	ug/L	99
49) 2-Hexanone	10.97	43	284304	62.597	ug/L	99
50) Dibromochloromethane	11.13	129	185967	25.681	ug/L	100
51) 1,2-Dibromoethane	11.23	107	153633	26.006	ug/L	99
52) Chlorobenzene	11.66	112	524273	25.064	ug/L	99
53) Ethylbenzene	11.73	91	963819	26.037	ug/L	100
54) m,p-Xylene	11.84	106	356724	26.054	ug/L	99
55) o-xylene	12.16	106	333662	25.588	ug/L	96
56) Styrene	12.18	104	603471	26.672	ug/L	98
57) Isopropylbenzene	12.46	105	949721	26.598	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	219539	27.699	ug/L	99
59) 1,2,3-Trichloropropane	12.77	75	166275	28.183	ug/L	99
62) Bromoform	12.35	173	114441	24.440	ug/L	99
63) 1,3-Dichlorobenzene	13.50	146	399548	24.252	ug/L	99
64) 1,4-Dichlorobenzene	13.58	146	423916	24.130	ug/L	97
65) 1,2-Dichlorobenzene	13.87	146	394290	25.017	ug/L	98
66) 1,2-Dibromo-3-chloropropan	14.49	75	41711	27.187	ug/L	94
67) 1,3,5-Trichlorobenzene	14.63	180	310612	25.411	ug/L	99
68) 1,2,4-trichlorobenzene	15.14	180	255367	26.014	ug/L	99
69) Naphthalene	15.37	128	569216	28.850	ug/L	99
70) 1,2,3-Trichlorobenzene	15.56	180	248281	27.037	ug/L	99

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

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