

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW022520\
 Data File : VW015030.D
 Acq On : 25 Feb 2020 12:08
 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: Feb 26 03:51:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM022420S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Feb 25 06:06:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	775525	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	705584	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	315777	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	453720	23.39	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.56%
7) Chloroethane-d5	2.89	69	322592	23.07	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.28%
10) 1,1-Dichloroethene-d2	4.02	63	734391	24.33	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	97.32%
20) 2-Butanone-d5	7.07	46	196754	60.68	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	121.36%
24) Chloroform-d	7.65	84	609085	23.90	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.60%
26) 1,2-Dichloroethane-d4	8.30	65	349294	24.50	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.00%
29) Benzene-d6	8.27	84	1232269	25.41	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	101.64%
33) 1,2-Dichloropropane-d6	9.27	67	413148	25.45	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.80%
37) Toluene-d8	10.32	98	1067109	26.38	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	105.52%
38) trans-1,3-Dichloropropene-	10.57	79	160282	26.71	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	106.84%
39) 2-Hexanone-d5	10.92	63	137607	64.03	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	128.06%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	283920	27.07	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	108.28%
61) 1,2-Dichlorobenzene-d4	13.85	152	287152	24.82	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.28%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	2.01	85	162187	24.509	ug/L	99
3) Chloromethane	2.21	50	332897	21.945	ug/L	97
5) Vinyl chloride	2.37	62	430820	21.950	ug/L	98
6) Bromomethane	2.78	94	188938	21.443	ug/L	97
8) Chloroethane	2.92	64	236642	22.159	ug/L	97
9) Trichlorofluoromethane	3.26	101	198326	22.422	ug/L	99
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	283537	23.274	ug/L	99
12) 1,1-Dichloroethene	4.04	96	271259	23.388	ug/L	79
13) Acetone	4.12	43	247043	64.417	ug/L	96
14) Carbon disulfide	4.38	76	974302	22.448	ug/L	100
15) Methyl Acetate	4.67	43	173805	26.915	ug/L	99
16) Methylene chloride	4.91	84	301482	21.003	ug/L	95
17) Methyl tert-butyl Ether	5.43	73	362081	25.791	ug/L	100
18) trans-1,2-Dichloroethene	5.42	96	279445	23.320	ug/L	96
19) 1,1-Dichloroethane	6.21	63	618001	23.123	ug/L	100
21) 2-Butanone	7.16	43	283072	62.770	ug/L	99
22) cis-1,2-Dichloroethene	7.16	96	292800	24.010	ug/L	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	111265	23.454	ug/L	94
25) Chloroform	7.67	83	540823	22.298	ug/L	99
27) 1,2-Dichloroethane	8.40	62	394216	23.755	ug/L	100
30) Cyclohexane	7.95	56	629127	26.669	ug/L	100
31) 1,1,1-Trichloroethane	7.87	97	426183	23.421	ug/L	99
32) Carbon tetrachloride	8.06	117	384188	23.561	ug/L	100
34) Benzene	8.32	78	1275133	24.294	ug/L	100
35) Trichloroethene	9.09	95	300315	23.654	ug/L	99
36) Methylcyclohexane	9.33	83	577483	26.488	ug/L	99
40) 1,2-Dichloropropane	9.37	63	348340	23.896	ug/L	99
41) Bromodichloromethane	9.64	83	382853	23.414	ug/L	100
42) cis-1,3-Dichloropropene	10.07	75	487955	25.688	ug/L	99
43) 4-Methyl-2-pentanone	10.21	43	476510	58.443	ug/L	100
44) Toluene	10.38	91	1271580	24.945	ug/L	100
45) trans-1,3-Dichloropropene	10.60	75	394370	25.687	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	201246	24.533	ug/L	99
47) Tetrachloroethene	10.86	164	195238	23.859	ug/L	97
49) 2-Hexanone	10.96	43	393384	66.551	ug/L	99
50) Dibromochloromethane	11.12	129	210400	24.101	ug/L	98
51) 1,2-Dibromoethane	11.23	107	181676	25.412	ug/L	93
52) Chlorobenzene	11.65	112	711768	23.740	ug/L	98
53) Ethylbenzene	11.73	91	1410132	25.323	ug/L	99
54) m,p-Xylene	11.83	106	501087	25.719	ug/L	97
55) o-xylene	12.16	106	464199	25.571	ug/L	100
56) Styrene	12.18	104	799303	25.707	ug/L	97
57) Isopropylbenzene	12.46	105	1298233	26.259	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	262660	25.377	ug/L	99
59) 1,2,3-Trichloropropane	12.77	75	203432	25.572	ug/L	98
62) Bromoform	12.35	173	107475	24.214	ug/L	99
63) 1,3-Dichlorobenzene	13.49	146	503148	24.424	ug/L	99
64) 1,4-Dichlorobenzene	13.57	146	502842	23.708	ug/L	96
65) 1,2-Dichlorobenzene	13.86	146	451047	24.176	ug/L	98
66) 1,2-Dibromo-3-chloropropan	14.48	75	42602	25.865	ug/L	91
67) 1,3,5-Trichlorobenzene	14.63	180	355564	25.739	ug/L	99
68) 1,2,4-trichlorobenzene	15.13	180	272971	27.037	ug/L	100
69) Naphthalene	15.36	128	263575	29.407	ug/L	99
70) 1,2,3-Trichlorobenzene	15.55	180	251475	27.751	ug/L	99

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

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