

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW040320\
 Data File : VW015151.D
 Acq On : 03 Apr 2020 09:55
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02519

Quant Time: Apr 03 23:38:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM032520S.M
 Quant Title : VOC Analysis
 QLast Update : Mon Mar 30 04:26:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	762650	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	686363	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	305625	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	292746	22.23	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.92%
7) Chloroethane-d5	2.89	69	258658	23.82	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.28%
10) 1,1-Dichloroethene-d2	4.03	63	619283	23.39	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	93.56%
20) 2-Butanone-d5	7.08	46	149941	50.01	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.02%
24) Chloroform-d	7.65	84	546529	23.98	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.92%
26) 1,2-Dichloroethane-d4	8.30	65	311083	23.57	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.28%
29) Benzene-d6	8.27	84	1075760	24.49	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.96%
33) 1,2-Dichloropropane-d6	9.27	67	352558	24.16	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.64%
37) Toluene-d8	10.32	98	953224	25.46	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	101.84%
38) trans-1,3-Dichloropropene-	10.57	79	138030	24.71	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	98.84%
39) 2-Hexanone-d5	10.93	63	107697	49.97	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.94%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	237980	23.84	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	95.36%
61) 1,2-Dichlorobenzene-d4	13.85	152	260745	24.52	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.08%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	2.01	85	158835	26.769 ug/L	89
3) Chloromethane	2.22	50	229371	20.905 ug/L	100
5) Vinyl chloride	2.37	62	348206	22.778 ug/L	98
6) Bromomethane	2.78	94	207267	24.563 ug/L	100
8) Chloroethane	2.93	64	212197	22.801 ug/L	99
9) Trichlorofluoromethane	3.26	101	204686	23.923 ug/L	98
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	286387	24.059 ug/L	99
12) 1,1-Dichloroethene	4.04	96	266970	23.634 ug/L	94
13) Acetone	4.13	43	144819	54.125 ug/L	97
14) Carbon disulfide	4.38	76	955749	22.746 ug/L	100
15) Methyl Acetate	4.68	43	142504	22.546 ug/L	99
16) Methylene chloride	4.92	84	292478	22.437 ug/L	95
17) Methyl tert-butyl Ether	5.43	73	357325	24.361 ug/L	99
18) trans-1,2-Dichloroethene	5.43	96	281932	24.012 ug/L	97
19) 1,1-Dichloroethane	6.22	63	600408	23.864 ug/L	97
21) 2-Butanone	7.17	43	188130	49.642 ug/L	99
22) cis-1,2-Dichloroethene	7.17	96	288625	24.754 ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	114361	23.890	ug/L	95
25) Chloroform	7.68	83	542253	23.857	ug/L	99
27) 1,2-Dichloroethane	8.40	62	389023	23.832	ug/L	99
30) Cyclohexane	7.96	56	584729	26.110	ug/L	98
31) 1,1,1-Trichloroethane	7.87	97	439461	24.372	ug/L	100
32) Carbon tetrachloride	8.07	117	384592	24.584	ug/L	100
34) Benzene	8.32	78	1246143	24.542	ug/L	100
35) Trichloroethene	9.09	95	299815	24.255	ug/L	98
36) Methylcyclohexane	9.34	83	548903	25.848	ug/L	99
40) 1,2-Dichloropropane	9.37	63	333471	23.814	ug/L	100
41) Bromodichloromethane	9.64	83	388125	24.361	ug/L	98
42) cis-1,3-Dichloropropene	10.07	75	465321	25.291	ug/L	98
43) 4-Methyl-2-pentanone	10.21	43	390405	49.278	ug/L	99
44) Toluene	10.38	91	1274226	25.378	ug/L	98
45) trans-1,3-Dichloropropene	10.60	75	410239	25.499	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	197895	24.041	ug/L	98
47) Tetrachloroethene	10.86	164	197123	24.711	ug/L	99
49) 2-Hexanone	10.97	43	292209	55.304	ug/L	99
50) Dibromochloromethane	11.13	129	209320	24.735	ug/L	98
51) 1,2-Dibromoethane	11.23	107	175856	24.123	ug/L	99
52) Chlorobenzene	11.66	112	717784	24.458	ug/L	100
53) Ethylbenzene	11.73	91	1408966	25.980	ug/L	99
54) m,p-Xylene	11.84	106	501515	26.378	ug/L	100
55) o-xylene	12.16	106	468414	26.280	ug/L	98
56) Styrene	12.18	104	807017	26.603	ug/L	99
57) Isopropylbenzene	12.46	105	1328783	27.058	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	245349	23.815	ug/L	99
59) 1,2,3-Trichloropropane	12.77	75	180376	23.407	ug/L	100
62) Bromoform	12.35	173	102765	23.129	ug/L	98
63) 1,3-Dichlorobenzene	13.50	146	504185	25.171	ug/L	98
64) 1,4-Dichlorobenzene	13.58	146	500245	24.410	ug/L	96
65) 1,2-Dichlorobenzene	13.87	146	454965	24.959	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.48	75	38292	22.053	ug/L	93
67) 1,3,5-Trichlorobenzene	14.63	180	335310	26.003	ug/L	99
68) 1,2,4-trichlorobenzene	15.13	180	269981	27.778	ug/L	99
69) Naphthalene	15.36	128	523671	27.711	ug/L	99
70) 1,2,3-Trichlorobenzene	15.55	180	241920	26.785	ug/L	99

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

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