

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032620\
 Data File : VW015149.D
 Acq On : 26 Mar 2020 16:44
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02518

Quant Time: Mar 27 01:07:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM032520S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 27 01:00:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	606319	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	543739	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	236840	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	248987	23.78	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.12%
7) Chloroethane-d5	2.89	69	215009	24.90	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.60%
10) 1,1-Dichloroethene-d2	4.02	63	506961	24.09	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	96.36%
20) 2-Butanone-d5	7.07	46	129612	54.38	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.76%
24) Chloroform-d	7.65	84	446040	24.62	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.48%
26) 1,2-Dichloroethane-d4	8.30	65	258008	24.59	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.36%
29) Benzene-d6	8.27	84	872417	25.07	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.28%
33) 1,2-Dichloropropane-d6	9.27	67	289831	25.07	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.28%
37) Toluene-d8	10.32	98	766960	25.86	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	103.44%
38) trans-1,3-Dichloropropene-	10.58	79	111555	25.21	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	100.84%
39) 2-Hexanone-d5	10.92	63	93354	54.67	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	109.34%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	199866	25.28	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	101.12%
61) 1,2-Dichlorobenzene-d4	13.85	152	199357	24.19	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.76%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	2.01	85	161615	34.261	ug/L 93
3) Chloromethane	2.21	50	213712	24.500	ug/L 98
5) Vinyl chloride	2.37	62	294211	24.208	ug/L 99
6) Bromomethane	2.78	94	162966	24.292	ug/L 99
8) Chloroethane	2.93	64	186325	25.183	ug/L 96
9) Trichlorofluoromethane	3.26	101	170008	24.993	ug/L 98
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	231885	24.503	ug/L 97
12) 1,1-Dichloroethene	4.04	96	217081	24.172	ug/L 90
13) Acetone	4.12	43	132485	62.282	ug/L 99
14) Carbon disulfide	4.38	76	794095	23.771	ug/L 100
15) Methyl Acetate	4.67	43	124977	24.871	ug/L 99
16) Methylene chloride	4.92	84	245227	23.663	ug/L 99
17) Methyl tert-butyl Ether	5.42	73	290854	24.942	ug/L 98
18) trans-1,2-Dichloroethene	5.42	96	227789	24.403	ug/L 97
19) 1,1-Dichloroethane	6.21	63	497677	24.881	ug/L 98
21) 2-Butanone	7.17	43	168430	55.903	ug/L 97
22) cis-1,2-Dichloroethene	7.17	96	229672	24.777	ug/L 92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	91130	23.945	ug/L	98
25) Chloroform	7.67	83	448229	24.805	ug/L	100
27) 1,2-Dichloroethane	8.40	62	323769	24.949	ug/L	98
30) Cyclohexane	7.95	56	480190	27.066	ug/L	100
31) 1,1,1-Trichloroethane	7.87	97	358818	25.119	ug/L	100
32) Carbon tetrachloride	8.07	117	309553	24.978	ug/L	100
34) Benzene	8.32	78	1041498	25.892	ug/L	100
35) Trichloroethene	9.09	95	245469	25.068	ug/L	99
36) Methylcyclohexane	9.33	83	451094	26.814	ug/L	99
40) 1,2-Dichloropropane	9.37	63	284964	25.688	ug/L	100
41) Bromodichloromethane	9.64	83	323602	25.639	ug/L	97
42) cis-1,3-Dichloropropene	10.07	75	385711	26.463	ug/L	99
43) 4-Methyl-2-pentanone	10.21	43	357313	56.931	ug/L	99
44) Toluene	10.38	91	1057472	26.586	ug/L	100
45) trans-1,3-Dichloropropene	10.60	75	338698	26.575	ug/L	100
46) 1,1,2-Trichloroethane	10.79	97	163548	25.080	ug/L	97
47) Tetrachloroethene	10.86	164	154507	24.449	ug/L	99
49) 2-Hexanone	10.96	43	267689	63.952	ug/L	99
50) Dibromochloromethane	11.13	129	169460	25.277	ug/L	98
51) 1,2-Dibromoethane	11.23	107	143457	24.841	ug/L	100
52) Chlorobenzene	11.65	112	582663	25.061	ug/L	96
53) Ethylbenzene	11.73	91	1152367	26.823	ug/L	100
54) m,p-Xylene	11.84	106	408310	27.109	ug/L	94
55) o-xylene	12.16	106	376258	26.647	ug/L	100
56) Styrene	12.18	104	655902	27.293	ug/L	94
57) Isopropylbenzene	12.46	105	1058972	27.220	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	210503	25.792	ug/L	97
59) 1,2,3-Trichloropropane	12.77	75	155287	25.437	ug/L	100
62) Bromoform	12.35	173	83324	24.200	ug/L	97
63) 1,3-Dichlorobenzene	13.49	146	395102	25.454	ug/L	98
64) 1,4-Dichlorobenzene	13.58	146	396364	24.958	ug/L	98
65) 1,2-Dichlorobenzene	13.87	146	354179	25.073	ug/L	96
66) 1,2-Dibromo-3-chloropropan	14.48	75	32997	24.523	ug/L	95
67) 1,3,5-Trichlorobenzene	14.63	180	256564	25.675	ug/L	99
68) 1,2,4-trichlorobenzene	15.13	180	195416	25.946	ug/L	98
69) Naphthalene	15.36	128	387731	26.476	ug/L	100
70) 1,2,3-Trichlorobenzene	15.55	180	178027	25.436	ug/L	100

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

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