Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040621\
Data File : VW018568.D
Acq On : 06 Apr 2021 16:18
Operator : SY/VA
Sample : VSTDCCC025EC
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VSTD02507

Quant Time: Apr 07 01:15:45 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
Quant Title : VOC Analysis
QLast Update : Wed Apr 07 01:12:48 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	491802	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	478108	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.554	152	248615	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	166602	24.34	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 97.36%			
7) Chloroethane-d5	2.891	69	143997	24.04	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 96.16%			
10) 1,1-Dichloroethene-d2	4.025	63	281804	23.85	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 95.40%			
20) 2-Butanone-d5	7.080	46	80389	52.76	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 105.52%			
24) Chloroform-d	7.647	84	329027	26.27	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 105.08%			
26) 1,2-Dichloroethane-d4	8.305	65	187589	25.65	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 102.60%			
29) Benzene-d6	8.275	84	596420	23.47	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 93.88%			
33) 1,2-Dichloropropane-d6	9.274	67	180633	24.64	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 98.56%			
37) Toluene-d8	10.323	98	584997	23.90	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 95.60%			
38) trans-1,3-Dichloroprop...	10.579	79	84519	22.35	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 89.40%			
39) 2-Hexanone-d5	10.927	63	70635	49.23	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 98.46%			
48) 1,1,2,2-Tetrachloroeth...	12.695	84	175163	26.71	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 106.84%			
61) 1,2-Dichlorobenzene-d4	13.853	152	209112	23.66	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 94.64%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.014	85	123234	21.82	ug/L	89
3) Chloromethane	2.215	50	162382	22.81	ug/L	98
5) Vinyl chloride	2.367	62	243586	26.05	ug/L	100
6) Bromomethane	2.782	94	167875	24.86	ug/L	98
8) Chloroethane	2.928	64	147896	25.37	ug/L	95
9) Trichlorofluoromethane	3.263	101	123753	26.31	ug/L	99
11) 1,1,2-Trichloro-1,2,2-...	4.068	101	169006	27.94	ug/L	99
12) 1,1-Dichloroethene	4.044	96	164529	26.65	ug/L	99
13) Acetone	4.129	43	51932	47.45	ug/L	96
14) Carbon disulfide	4.391	76	472603	25.42	ug/L	99
15) Methyl Acetate	4.672	43	69608	27.80	ug/L	96
16) Methylene chloride	4.922	84	178841	22.17	ug/L	91
17) Methyl tert-butyl Ether	5.428	73	232817	25.81	ug/L	99
18) trans-1,2-Dichloroethene	5.428	96	178467	26.19	ug/L	95
19) 1,1-Dichloroethane	6.220	63	312144	26.84	ug/L	96
21) 2-Butanone	7.171	43	88720	51.02	ug/L	100
22) cis-1,2-Dichloroethene	7.171	96	192972	26.92	ug/L	98
23) Bromochloromethane	7.513	128	90935	28.66	ug/L	89
25) Chloroform	7.677	83	339539	27.51	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	8.403	62	237972	27.18	ug/L		99
30) Cyclohexane	7.958	56	269364	23.73	ug/L		95
31) 1,1,1-Trichloroethane	7.878	97	270929	25.35	ug/L		98
32) Carbon tetrachloride	8.067	117	261216	26.23	ug/L		99
34) Benzene	8.323	78	711594	25.70	ug/L		100
35) Trichloroethene	9.091	95	194720	25.45	ug/L		98
36) Methylcyclohexane	9.335	83	327466	24.45	ug/L		98
40) 1,2-Dichloropropane	9.366	63	172132	25.41	ug/L		98
41) Bromodichloromethane	9.646	83	249804	26.09	ug/L		93
42) cis-1,3-Dichloropropene	10.073	75	286811	25.04	ug/L		99
43) 4-Methyl-2-pentanone	10.207	43	211953	52.04	ug/L		96
44) Toluene	10.390	91	827454	26.29	ug/L		95
45) trans-1,3-Dichloropropene	10.610	75	253382	24.64	ug/L		99
46) 1,1,2-Trichloroethane	10.786	97	145557	26.95	ug/L		99
47) Tetrachloroethene	10.866	164	147898	25.46	ug/L		92
49) 2-Hexanone	10.969	43	145209	50.38	ug/L		98
50) Dibromochloromethane	11.128	129	171278	26.90	ug/L		94
51) 1,2-Dibromoethane	11.237	107	141429	26.44	ug/L		95
52) Chlorobenzene	11.658	112	518131	25.96	ug/L		99
53) Ethylbenzene	11.731	91	940557	26.50	ug/L		99
54) m,p-Xylene	11.841	106	347230	25.60	ug/L		98
55) o-xylene	12.164	106	338477	26.18	ug/L		99
56) Styrene	12.182	104	575900	26.12	ug/L		95
57) Isopropylbenzene	12.463	105	920356	26.17	ug/L		99
58) 1,1,2,2-Tetrachloroethane	12.713	83	177840	27.21	ug/L		95
59) 1,2,3-Trichloropropane	12.768	75	134265	27.21	ug/L		100
62) Bromoform	12.347	173	93931	24.64	ug/L	#	96
63) 1,3-Dichlorobenzene	13.499	146	400664	25.18	ug/L		96
64) 1,4-Dichlorobenzene	13.579	146	401711	25.02	ug/L		97
65) 1,2-Dichlorobenzene	13.865	146	362984	25.52	ug/L		94
66) 1,2-Dibromo-3-chloropr...	14.481	75	29407	22.88	ug/L	#	90
67) 1,3,5-Trichlorobenzene	14.627	180	284102	24.76	ug/L		97
68) 1,2,4-trichlorobenzene	15.133	180	238173	24.39	ug/L		96
69) Naphthalene	15.365	128	501974	24.69	ug/L		99
70) 1,2,3-Trichlorobenzene	15.554	180	206120	24.19	ug/L		98

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

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