Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW020821\
Data File : VW018044.D
Acq On : 08 Feb 2021 09:47
Operator : SY/VA
Sample : VSTDCCC025
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VSTD02513

Quant Time: Feb 09 03:17:25 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM012921S.M
Quant Title : VOC Analysis
QLast Update : Sat Feb 06 01:06:17 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	420505	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	380753	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	193837	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	116541	22.30	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 89.20%			
7) Chloroethane-d5	2.891	69	96361	23.23	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 92.92%			
10) 1,1-Dichloroethene-d2	4.025	63	254031	24.31	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 97.24%			
20) 2-Butanone-d5	7.074	46	50744	36.39	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 72.78%			
24) Chloroform-d	7.647	84	268740	24.35	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 97.40%			
26) 1,2-Dichloroethane-d4	8.305	65	129821	22.09	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 88.36%			
29) Benzene-d6	8.275	84	520885	24.91	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 99.64%			
33) 1,2-Dichloropropane-d6	9.274	67	143332	24.51	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 98.04%			
37) Toluene-d8	10.323	98	500966	25.18	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 100.72%			
38) trans-1,3-Dichloroprop...	10.579	79	64363	24.28	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 97.12%			
39) 2-Hexanone-d5	10.920	63	42064	37.63	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 75.26%			
48) 1,1,2,2-Tetrachloroeth...	12.688	84	103666	20.18	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 80.72%			
61) 1,2-Dichlorobenzene-d4	13.853	152	168661	24.39	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 97.56%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.014	85	133868	23.53	ug/L	100
3) Chloromethane	2.221	50	100284	23.93	ug/L	99
5) Vinyl chloride	2.367	62	147387	25.50	ug/L	98
6) Bromomethane	2.788	94	99758	24.27	ug/L	99
8) Chloroethane	2.934	64	85107	24.64	ug/L	98
9) Trichlorofluoromethane	3.263	101	106568	25.50	ug/L	99
11) 1,1,2-Trichloro-1,2,2-...	4.068	101	151318	25.34	ug/L #	65
12) 1,1-Dichloroethene	4.044	96	143505	25.54	ug/L	97
13) Acetone	4.117	43	35476	34.38	ug/L	97
14) Carbon disulfide	4.385	76	432330	26.42	ug/L	100
15) Methyl Acetate	4.672	43	41433	18.10	ug/L	97
16) Methylene chloride	4.915	84	137217	20.36	ug/L	95
17) Methyl tert-butyl Ether	5.421	73	140092	22.21	ug/L	98
18) trans-1,2-Dichloroethene	5.421	96	151376	25.21	ug/L	95
19) 1,1-Dichloroethane	6.214	63	239986	24.76	ug/L	99
21) 2-Butanone	7.165	43	54027	34.39	ug/L	94
22) cis-1,2-Dichloroethene	7.165	96	155343	24.94	ug/L	96
23) Bromochloromethane	7.513	128	66861	22.34	ug/L	95
25) Chloroform	7.677	83	255531	24.16	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	8.397	62	148687	21.66	ug/L		100
30) Cyclohexane	7.958	56	223857	25.70	ug/L		95
31) 1,1,1-Trichloroethane	7.866	97	220112	26.07	ug/L		99
32) Carbon tetrachloride	8.067	117	213449	26.10	ug/L		99
34) Benzene	8.323	78	559603	25.15	ug/L		100
35) Trichloroethene	9.092	95	156109	24.89	ug/L		99
36) Methylcyclohexane	9.335	83	261501	24.80	ug/L		97
40) 1,2-Dichloropropane	9.366	63	125903	24.65	ug/L		100
41) Bromodichloromethane	9.640	83	178982	24.48	ug/L		96
42) cis-1,3-Dichloropropene	10.073	75	206091	25.04	ug/L		97
43) 4-Methyl-2-pentanone	10.207	43	116601	36.72	ug/L		95
44) Toluene	10.384	91	618319	25.24	ug/L		100
45) trans-1,3-Dichloropropene	10.603	75	172295	24.05	ug/L		98
46) 1,1,2-Trichloroethane	10.786	97	95839	21.99	ug/L		99
47) Tetrachloroethene	10.859	164	133622	25.03	ug/L		98
49) 2-Hexanone	10.969	43	80188	36.34	ug/L		95
50) Dibromochloromethane	11.128	129	120820	23.13	ug/L		96
51) 1,2-Dibromoethane	11.237	107	90876	20.90	ug/L		99
52) Chlorobenzene	11.658	112	395121	24.49	ug/L		98
53) Ethylbenzene	11.731	91	691941	24.86	ug/L		98
54) m,p-Xylene	11.841	106	268507	25.30	ug/L		99
55) o-xylene	12.164	106	251850	25.02	ug/L		94
56) Styrene	12.176	104	425758	24.87	ug/L		100
57) Isopropylbenzene	12.463	105	710313	25.33	ug/L		99
58) 1,1,2,2-Tetrachloroethane	12.713	83	101061	19.60	ug/L		96
59) 1,2,3-Trichloropropane	12.768	75	74150	18.98	ug/L		98
62) Bromoform	12.353	173	67265	22.52	ug/L	#	99
63) 1,3-Dichlorobenzene	13.493	146	311968	25.25	ug/L		93
64) 1,4-Dichlorobenzene	13.579	146	309799	24.93	ug/L		91
65) 1,2-Dichlorobenzene	13.865	146	268947	24.14	ug/L		93
66) 1,2-Dibromo-3-chloropr...	14.481	75	16108	19.09	ug/L		94
67) 1,3,5-Trichlorobenzene	14.627	180	241439	25.44	ug/L		99
68) 1,2,4-trichlorobenzene	15.127	180	190920	24.13	ug/L		95
69) Naphthalene	15.365	128	316673	20.57	ug/L		99
70) 1,2,3-Trichlorobenzene	15.554	180	160096	22.70	ug/L		98

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

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