Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW111820\
Data File : VW017327.D
Acq On : 18 Nov 2020 14:34
Operator : SY/VA
Sample : VSTD00506
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VSTD00506

Quant Time: Nov 18 15:26:24 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111820S.M
Quant Title : VOC Analysis
QLast Update : Wed Nov 18 14:40:06 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	413519	25.00	ug/L		0.00
28) Chlorobenzene-d5	11.63	117	381681	25.00	ug/L		0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	188454	25.00	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	2.35	65	34698	5.68	ug/L		0.00
7) Chloroethane-d5	2.89	69	26107	5.38	ug/L		0.00
10) 1,1-Dichloroethene-d2	4.03	63	56901	5.34	ug/L		0.00
20) 2-Butanone-d5	7.09	46	11075	11.40	ug/L		0.00
24) Chloroform-d	7.65	84	58125	5.44	ug/L		0.00
26) 1,2-Dichloroethane-d4	8.31	65	29250	5.74	ug/L		0.00
29) Benzene-d6	8.28	84	113462	5.32	ug/L		0.00
33) 1,2-Dichloropropane-d6	9.28	67	30649	5.44	ug/L		0.00
37) Toluene-d8	10.32	98	103259	5.14	ug/L		0.00
38) trans-1,3-Dichloropropene-	10.58	79	12797	5.24	ug/L		0.00
39) 2-Hexanone-d5	10.93	63	8288	11.42	ug/L		0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	24276	5.81	ug/L		0.00
61) 1,2-Dichlorobenzene-d4	13.86	152	37155	5.44	ug/L		0.00
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.01	85	18892	4.920	ug/L		96
3) Chloromethane	2.21	50	20861	4.944	ug/L		95
5) Vinyl chloride	2.37	62	31217	5.059	ug/L		98
6) Bromomethane	2.78	94	23182	5.008	ug/L		97
8) Chloroethane	2.93	64	19544	5.093	ug/L		98
9) Trichlorofluoromethane	3.26	101	25873	4.694	ug/L		100
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	29047	5.105	ug/L		95
12) 1,1-Dichloroethene	4.04	96	27392	5.067	ug/L		93
13) Acetone	4.14	43	8763	12.451	ug/L		75
14) Carbon disulfide	4.39	76	79505	4.985	ug/L		99
15) Methyl Acetate	4.67	43	9154	5.989	ug/L		94
16) Methylene chloride	4.92	84	41284	5.536	ug/L		93
17) Methyl tert-butyl Ether	5.43	73	34541	5.514	ug/L		98
18) trans-1,2-Dichloroethene	5.43	96	29526	5.107	ug/L		92
19) 1,1-Dichloroethane	6.22	63	45715	5.159	ug/L		95
21) 2-Butanone	7.18	43	13457	12.477	ug/L		82
22) cis-1,2-Dichloroethene	7.17	96	30221	5.155	ug/L		97
23) Bromochloromethane	7.52	128	14893	5.480	ug/L		98
25) Chloroform	7.68	83	51978	5.264	ug/L		100
27) 1,2-Dichloroethane	8.40	62	31269	5.529	ug/L	#	93
30) Cyclohexane	7.96	56	36603	4.785	ug/L		100
31) 1,1,1-Trichloroethane	7.87	97	45064	5.061	ug/L		99
32) Carbon tetrachloride	8.07	117	42249	4.952	ug/L		98
34) Benzene	8.33	78	111793	5.222	ug/L		100
35) Trichloroethene	9.10	95	30827	5.039	ug/L		99
36) Methylcyclohexane	9.34	83	47429	4.841	ug/L		97
40) 1,2-Dichloropropane	9.37	63	25740	5.353	ug/L		98
41) Bromodichloromethane	9.65	83	34456	5.073	ug/L		92
42) cis-1,3-Dichloropropene	10.07	75	37858	5.092	ug/L		99
43) 4-Methyl-2-pentanone	10.21	43	27593	12.183	ug/L		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) Toluene	10.39	91	120864	5.075	ug/L		100
45) trans-1,3-Dichloropropene	10.61	75	32085	5.117	ug/L		97
46) 1,1,2-Trichloroethane	10.79	97	20529	5.452	ug/L		97
47) Tetrachloroethene	10.87	164	28850	5.272	ug/L		88
49) 2-Hexanone	10.98	43	16049	11.493	ug/L		95
50) Dibromochloromethane	11.13	129	25488	5.319	ug/L		96
51) 1,2-Dibromoethane	11.24	107	20314	5.558	ug/L	#	97
52) Chlorobenzene	11.66	112	82159	5.182	ug/L		98
53) Ethylbenzene	11.73	91	133499	4.992	ug/L		96
54) m,p-Xylene	11.84	106	50533	4.886	ug/L		89
55) o-xylene	12.17	106	47239	4.834	ug/L		89
56) Styrene	12.18	104	79075	4.908	ug/L		100
57) Isopropylbenzene	12.46	105	129794	4.828	ug/L		99
58) 1,1,2,2-Tetrachloroethane	12.71	83	22885	5.672	ug/L		95
59) 1,2,3-Trichloropropane	12.77	75	17339	6.037	ug/L		100
62) Bromoform	12.35	173	14391	5.657	ug/L		96
63) 1,3-Dichlorobenzene	13.50	146	64650	5.339	ug/L		94
64) 1,4-Dichlorobenzene	13.58	146	64436	5.403	ug/L		97
65) 1,2-Dichlorobenzene	13.87	146	58853	5.630	ug/L		96
66) 1,2-Dibromo-3-chloropropan	14.49	75	3283	5.764	ug/L		87
67) 1,3,5-Trichlorobenzene	14.63	180	47339	5.399	ug/L		99
68) 1,2,4-trichlorobenzene	15.13	180	33893	5.031	ug/L		96
69) Naphthalene	15.36	128	49260	5.263	ug/L		100
70) 1,2,3-Trichlorobenzene	15.56	180	31838	5.440	ug/L		95

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

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