Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN122118\
Data File : BN004189.D
Acq On : 22 Dec 2018 08:45
Operator : JU/SJ
Sample : J6414-22
Misc : GC-MS Confirmation
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : CB567

Quant Time: Dec 24 07:28:24 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 24 07:07:24 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	31124	20.00	ng/ul	0.00
18) Naphthalene-d8	10.62	136	150044	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.46	164	92861	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.22	188	197682	20.00	ng/ul	0.01
77) Chrysene-d12	21.42	240	185065	20.00	ng/ul	0.02
85) Perylene-d12	23.73	264	178970	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	0.00	99	0	0.00	ng/ul	
7) Bis-(2-Chloroethyl)ether-d	0.00	67	0	0.00	ng/ul	
9) 2-Chlorophenol-d4	0.00	132	0	0.00	ng/ul	
13) 4-Methylphenol-d8	0.00	113	0	0.00	ng/ul	
19) Nitrobenzene-d5	0.00	128	0	0.00	ng/ul	
22) 2-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
26) 2,4-Dichlorophenol-d3	0.00	165	0	0.00	ng/ul	
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
43) Dimethylphthalate-d6	0.00	166	0	0.00	ng/ul	
46) Acenaphthylene-d8	0.00	160	0	0.00	ng/ul	
51) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
57) Fluorene-d10	0.00	176	0d	0.00	ng/ul	
62) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
70) Anthracene-d10	0.00	188	0d	0.00	ng/ul	
78) Pyrene-d10	0.00	212	0d	0.00	ng/ul	
89) Benzo(a)pyrene-d12	0.00	264	0d	0.00	ng/ul	
Target Compounds						Qvalue
28) Naphthalene	10.67	128	455667	56.603	ng/ul	99
34) 2-Methylnaphthalene	12.28	142	212392	35.031	ng/ul	99
40) 1,1'-Biphenyl	13.29	154	86885	11.509	ng/ul	100
47) Acenaphthylene	14.19	152	11948	1.275	ng/ul#	78
49) Acenaphthene	14.53	153	810194	121.440	ng/ul	100
53) Dibenzofuran	14.87	168	749555	79.150	ng/ul	99
58) Fluorene	15.52	166	1032562	130.952	ng/ul	99
69) Phenanthrene	17.29	178	5634729	493.330	ng/ul	97
71) Anthracene	17.36	178	1599899	136.649	ng/ul	99
76) Fluoranthene	19.31	202	5639740	402.835	ng/ul	98
79) Pyrene	19.67	202	4444324	429.861	ng/ul	98
82) Benzo(a)anthracene	21.40	228	2729348	236.507	ng/ul	97
84) Chrysene	21.46	228	2229216	206.232	ng/ul	98
87) Benzo(b)fluoranthene	23.04	252	1655680	154.436	ng/ul	97
88) Benzo(k)fluoranthene	23.08	252	672891	67.031	ng/ul	97
90) Benzo(a)pyrene	23.63	252	183985	17.820	ng/ul	98
91) Indeno(1,2,3-cd)pyrene	26.10	276	288082	21.405	ng/ul	98
92) Dibenzo(a,h)anthracene	26.10	278	159494	14.256	ng/ul	97
93) Benzo(g,h,i)perylene	26.83	276	112579	9.994	ng/ul	98

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

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