Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090819\
Data File : BN007569.D
Acq On : 09 Sep 2019 02:25
Operator : HP/JU
Sample : K4762-01MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
STOCK-PILEMS

Manual Integrations APPROVED
mohammad
9/16/2019 8:53:28 AM

Quant Time: Sep 09 05:34:07 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN082319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 29 12:18:45 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	7304	0.40	ng	-0.02
7) Naphthalene-d8	10.15	136	43197	0.40	ng	-0.01
13) Acenaphthene-d10	14.05	164	31882	0.40	ng	0.00
19) Phenanthrene-d10	16.79	188	30423	0.40	ng	0.00
27) Chrysene-d12	21.00	240	26925	0.40	ng	-0.01
34) Perylene-d12	23.11	264	31489	0.40	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.03	112	9756	0.38	ng	0.00
5) Phenol-d6	6.59	99	13379	0.42	ng	0.00
8) Nitrobenzene-d5	8.52	82	16406	0.44	ng	-0.01
11) 2-Methylnaphthalene-d10	11.76	152	26919	0.38	ng	0.00
14) 2,4,6-Tribromophenol	15.55	330	3289	0.20	ng	0.00
15) 2-Fluorobiphenyl	12.65	172	20708	0.16	ng	0.00
25) Fluoranthene-d10	18.84	212	30289	0.31	ng	-0.01
29) Terphenyl-d14	19.46	244	27665	0.39	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.00	88	2723	0.224	ng	# 76
3) n-Nitrosodimethylamine	3.31	42	1318	0.234	ng	# 41
6) bis(2-Chloroethyl)ether	6.83	93	10596	0.402	ng	# 88
9) Naphthalene	10.19	128	40591	0.329	ng	# 93
10) Hexachlorobutadiene	10.49	225	4793	0.190	ng	# 98
12) 2-Methylnaphthalene	11.83	142	27450	0.326	ng	# 68
16) Acenaphthylene	13.79	152	155119	0.822	ng	# 52
17) Acenaphthene	14.10	154	38845	0.352	ng	# 73
18) Fluorene	15.10	166	43039	0.308	ng	97
20) 4-Bromophenyl-phenylether	16.01	248	15068	1.256	ng	# 1
21) Hexachlorobenzene	16.11	284	7264	0.356	ng	# 53
22) Pentachlorophenol	16.45	266	6216	0.981	ng	# 47
23) Phenanthrene	16.84	178	267147	2.919	ng	# 87
24) Anthracene	16.92	178	89208	0.969	ng	# 92
26) Fluoranthene	18.87	202	597002	5.081	ng	98
28) Pyrene	19.23	202	652923	6.028	ng	# 95
30) Benzo(a)anthracene	20.99	228	368959	3.489	ng	# 93
31) Chrysene	21.05	228	343872m	3.369	ng	
32) Bis(2-ethylhexyl)phthalate	20.95	149	107568	1.553	ng	# 94
33) Indeno(1,2,3-cd)pyrene	25.18	276	261291	2.125	ng	99
35) Benzo(b)fluoranthene	22.50	252	485287	4.253	ng	# 89
36) Benzo(k)fluoranthene	22.53	252	172555m	1.530	ng	
37) Benzo(a)pyrene	23.02	252	364555	3.358	ng	# 91
38) Dibenzo(a,h)anthracene	25.19	278	88287	0.815	ng	# 52
39) Benzo(g,h,i)perylene	25.80	276	299376	2.774	ng	92

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

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