Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE052019\
Data File : BE099669.D
Acq On : 20 May 2019 20:31
Operator : JU/SJ
Sample : PB119824BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PB119824BS

Manual Integrations APPROVED
mohammad
5/21/2019 3:26:14 PM

Quant Time: May 21 07:03:07 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE052019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 20 19:29:40 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	2034	0.40	ng	0.00
7) Naphthalene-d8	10.61	136	6497	0.40	ng	0.00
13) Acenaphthene-d10	14.48	164	3877	0.40	ng	0.00
19) Phenanthrene-d10	17.23	188	10185	0.40	ng	0.00
27) Chrysene-d12	21.41	240	15336	0.40	ng	0.00
34) Perylene-d12	23.96	264	18708	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.39	112	1819	0.35	ng	0.01
5) Phenol-d6	6.98	99	2447	0.36	ng	0.00
8) Nitrobenzene-d5	8.98	82	2161	0.38	ng	0.00
11) 2-Methylnaphthalene-d10	12.22	152	4410m	0.39	ng	0.00
14) 2,4,6-Tribromophenol	15.98	330	496	0.30	ng	0.00
15) 2-Fluorobiphenyl	13.10	172	6354	0.43	ng	0.00
25) Fluoranthene-d10	19.27	212	50053	0.36	ng	0.00
29) Terphenyl-d14	19.86	244	11205	0.41	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.31	88	888	0.295	ng	# 31
3) n-Nitrosodimethylamine	3.64	42	589	0.354	ng	# 84
6) bis(2-Chloroethyl)ether	7.24	93	2142	0.354	ng	97
9) Naphthalene	10.67	128	27662	0.398	ng	100
10) Hexachlorobutadiene	10.94	225	2049	0.400	ng	98
12) 2-Methylnaphthalene	12.29	142	4354	0.384	ng	99
16) Acenaphthylene	14.21	152	7062	0.391	ng	99
17) Acenaphthene	14.54	154	4018	0.396	ng	99
18) Fluorene	15.53	166	5543	0.371	ng	99
20) 4-Bromophenyl-phenylether	16.42	248	2328	0.396	ng	97
21) Hexachlorobenzene	16.53	284	2546	0.424	ng	99
22) Pentachlorophenol	16.92	266	742m	0.573	ng	
23) Phenanthrene	17.27	178	9878	0.397	ng	99
24) Anthracene	17.36	178	8314	0.368	ng	100
26) Fluoranthene	19.30	202	14242	0.362	ng	99
28) Pyrene	19.66	202	14678	0.381	ng	100
30) Benzo(a)anthracene	21.40	228	18795	0.431	ng	100
31) Chrysene	21.45	228	20768	0.446	ng	100
32) Bis(2-ethylhexyl)phthalate	21.32	149	17292	0.344	ng	100
33) Indeno(1,2,3-cd)pyrene	26.66	276	25667	0.456	ng	100
35) Benzo(b)fluoranthene	23.17	252	20546	0.401	ng	99
36) Benzo(k)fluoranthene	23.22	252	23772	0.445	ng	99
37) Benzo(a)pyrene	23.84	252	20581	0.417	ng	99
38) Dibenzo(a,h)anthracene	26.68	278	21230	0.410	ng	99
39) Benzo(g,h,i)perylene	27.48	276	22228	0.425	ng	98

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

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