Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE122419\
Data File : BE100972.D
Acq On : 24 Dec 2019 15:54
Operator : JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : ICVBE122419

Manual Integrations APPROVED
mohammad
12/26/2019 4:02:31 PM

Quant Time: Dec 24 16:48:09 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE122419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 24 14:28:42 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	2265	0.40	ng	0.00
7) Naphthalene-d8	10.52	136	11697	0.40	ng	0.00
13) Acenaphthene-d10	14.38	164	7356	0.40	ng	0.00
19) Phenanthrene-d10	17.12	188	18215	0.40	ng	0.00
27) Chrysene-d12	21.29	240	16219	0.40	ng	0.00
34) Perylene-d12	23.73	264	19470	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.35	112	1649m	0.43	ng	-0.01
5) Phenol-d6	6.95	99	2245m	0.47	ng	-0.03
8) Nitrobenzene-d5	8.90	82	2234	0.46	ng	-0.01
11) 2-Methylnaphthalene-d10	12.12	152	7205	0.42	ng	0.00
14) 2,4,6-Tribromophenol	15.88	330	546	0.44	ng	0.00
15) 2-Fluorobiphenyl	13.02	172	10548	0.40	ng	0.00
25) Fluoranthene-d10	19.14	212	80967	0.37	ng	0.00
29) Terphenyl-d14	19.75	244	15205	0.41	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.31	88	2844	0.381	ng	96
3) n-Nitrosodimethylamine	3.65	42	645m	0.535	ng	
6) bis(2-Chloroethyl)ether	7.19	93	3133m	0.383	ng	
9) Naphthalene	10.58	128	50427	0.405	ng	100
10) Hexachlorobutadiene	10.86	225	2194	0.399	ng	97
12) 2-Methylnaphthalene	12.20	142	7314m	0.388	ng	
16) Acenaphthylene	14.10	152	10208	0.371	ng	99
17) Acenaphthene	14.44	154	7953	0.398	ng	99
18) Fluorene	15.42	166	9511	0.382	ng	99
20) 4-Bromophenyl-phenylether	16.32	248	2753	0.344	ng	97
21) Hexachlorobenzene	16.43	284	3445	0.365	ng	99
22) Pentachlorophenol	16.80	266	359m	0.409	ng	
23) Phenanthrene	17.16	178	17407	0.371	ng	99
24) Anthracene	17.26	178	17614m	0.371	ng	
26) Fluoranthene	19.17	202	22804	0.356	ng	99
28) Pyrene	19.53	202	23333	0.411	ng	100
30) Benzo(a)anthracene	21.28	228	14374	0.362	ng	99
31) Chrysene	21.33	228	32093m	0.434	ng	
32) Bis(2-ethylhexyl)phthalate	21.22	149	28912	0.411	ng	100
33) Indeno(1,2,3-cd)pyrene	26.29	276	20736	0.373	ng	95
35) Benzo(b)fluoranthene	22.98	252	15539	0.379	ng	99
36) Benzo(k)fluoranthene	23.03	252	28767m	0.370	ng	
37) Benzo(a)pyrene	23.62	252	18804	0.393	ng	98
38) Dibenzo(a,h)anthracene	26.32	278	16643m	0.384	ng	
39) Benzo(g,h,i)perylene	27.06	276	19819	0.388	ng	99

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

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