Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE020720\
Data File : BE101137.D
Acq On : 7 Feb 2020 14:35
Operator : CG/JU
Sample : PB126655BSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PB126655BSD

Manual Integrations APPROVED
mohammad
2/11/2020 8:27:02 AM

Quant Time: Feb 07 15:30:29 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 08 18:36:25 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	1506	0.40	ng		-0.03
7) Naphthalene-d8	10.48	136	5943	0.40	ng		-0.01
13) Acenaphthene-d10	14.34	164	3650	0.40	ng		-0.01
19) Phenanthrene-d10	17.08	188	7830	0.40	ng		-0.01
27) Chrysene-d12	21.27	240	8137	0.40	ng		-0.01
34) Perylene-d12	23.68	264	12204	0.40	ng		-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.32	112	1549m	0.46	ng		-0.02
5) Phenol-d6	6.92	99	1808m	0.42	ng		0.00
8) Nitrobenzene-d5	8.87	82	2130	0.50	ng		0.00
11) 2-Methylnaphthalene-d10	12.09	152	4090	0.36	ng		-0.01
14) 2,4,6-Tribromophenol	15.85	330	185	0.18	ng		0.00
15) 2-Fluorobiphenyl	12.97	172	6854	0.49	ng		-0.03
25) Fluoranthene-d10	19.12	212	38001	0.35	ng		-0.02
29) Terphenyl-d14	19.72	244	9136	0.46	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.26	88	1302	0.340	ng	#	49
3) n-Nitrosodimethylamine	3.58	42	963	0.460	ng	#	87
6) bis(2-Chloroethyl)ether	7.15	93	1238	0.242	ng	#	98
9) Naphthalene	10.54	128	24850	0.377	ng	#	98
10) Hexachlorobutadiene	10.82	225	1041	0.373	ng		99
12) 2-Methylnaphthalene	12.17	142	3408	0.341	ng		98
16) Acenaphthylene	14.05	152	5793	0.390	ng		99
17) Acenaphthene	14.40	154	3665	0.344	ng		100
18) Fluorene	15.38	166	4484	0.333	ng		99
20) 4-Bromophenyl-phenylether	16.29	248	1424	0.373	ng		97
21) Hexachlorobenzene	16.38	284	1525	0.364	ng		96
22) Pentachlorophenol	16.77	266	22	0.265	ng	#	77
23) Phenanthrene	17.12	178	6935	0.324	ng		98
24) Anthracene	17.23	178	7836	0.388	ng		99
26) Fluoranthene	19.14	202	9603	0.359	ng		99
28) Pyrene	19.51	202	9995	0.330	ng		99
30) Benzo(a)anthracene	21.25	228	8797	0.379	ng		98
31) Chrysene	21.31	228	12687	0.368	ng		100
32) Bis(2-ethylhexyl)phthalate	21.19	149	19959	0.516	ng		98
33) Indeno(1,2,3-cd)pyrene	26.24	276	16001	0.587	ng	#	88
35) Benzo(b)fluoranthene	22.95	252	10192	0.298	ng		97
36) Benzo(k)fluoranthene	22.99	252	16425m	0.331	ng		
37) Benzo(a)pyrene	23.58	252	13010	0.393	ng		99
38) Dibenzo(a,h)anthracene	26.26	278	12581	0.413	ng		96
39) Benzo(g,h,i)perylene	27.01	276	14868	0.397	ng		97

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

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