Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN093019\
Data File : BN007899.D
Acq On : 30 Sep 2019 16:30
Operator : JU
Sample : K5077-23MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PST-024-SW138-092519MS

Manual Integrations APPROVED
mohammad
10/2/2019 8:21:30 AM

Quant Time: Oct 01 07:21:41 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN091819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 18 18:24:40 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	11135	0.40	ng		0.00
7) Naphthalene-d8	10.46	136	44098	0.40	ng		-0.01
13) Acenaphthene-d10	14.31	164	24959	0.40	ng		-0.01
19) Phenanthrene-d10	17.06	188	45636	0.40	ng		-0.01
27) Chrysene-d12	21.26	240	34718	0.40	ng		-0.01
34) Perylene-d12	23.47	264	42119	0.40	ng		-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.31	112	9252	0.24	ng		0.00
5) Phenol-d6	6.87	99	12357	0.26	ng		0.00
8) Nitrobenzene-d5	8.83	82	10849	0.28	ng		0.00
11) 2-Methylnaphthalene-d10	12.05	152	21221	0.29	ng		-0.01
14) 2,4,6-Tribromophenol	15.81	330	2793	0.21	ng		-0.01
15) 2-Fluorobiphenyl	12.93	172	28093	0.27	ng		-0.01
25) Fluoranthene-d10	19.09	212	35824	0.23	ng		-0.01
29) Terphenyl-d14	19.70	244	28590	0.34	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.30	88	2595	0.209	ng	#	85
6) bis(2-Chloroethyl)ether	7.13	93	9707	0.308	ng		91
9) Naphthalene	10.51	128	34484	0.279	ng		100
10) Hexachlorobutadiene	10.81	225	6737	0.258	ng	#	99
12) 2-Methylnaphthalene	12.13	142	23177	0.277	ng		99
16) Acenaphthylene	14.03	152	39460	0.298	ng		99
17) Acenaphthene	14.38	154	20820	0.244	ng		98
18) Fluorene	15.36	166	26875	0.246	ng		98
20) 4-Bromophenyl-phenylether	16.25	248	7998	0.289	ng	#	75
21) Hexachlorobenzene	16.38	284	8145	0.269	ng		98
22) Pentachlorophenol	16.72	266	4328	0.388	ng		99
23) Phenanthrene	17.10	178	72661	0.511	ng		100
24) Anthracene	17.19	178	40089	0.312	ng		99
26) Fluoranthene	19.12	202	114285	0.647	ng		99
28) Pyrene	19.49	202	105979	0.895	ng		98
30) Benzo(a)anthracene	21.24	228	60896	0.476	ng		98
31) Chrysene	21.29	228	69708	0.559	ng		99
32) Bis(2-ethylhexyl)phthalate	21.19	149	96479	1.467	ng		100
33) Indeno(1,2,3-cd)pyrene	25.68	276	77133	0.494	ng		99
35) Benzo(b)fluoranthene	22.81	252	86632	0.592	ng		99
36) Benzo(k)fluoranthene	22.86	252	57910m	0.401	ng		
37) Benzo(a)pyrene	23.38	252	69664	0.507	ng		99
38) Dibenzo(a,h)anthracene	25.70	278	45489	0.324	ng		98
39) Benzo(g,h,i)perylene	26.36	276	71728	0.516	ng		99

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

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