Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN100419\
Data File : BN008016.D
Acq On : 04 Oct 2019 22:46
Operator : JU
Sample : K5078-10 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : EXT-024-SW074-092519

Manual Integrations APPROVED
mohammad
10/7/2019 8:45:46 AM

Quant Time: Oct 05 04:03:14 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN091819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 03 18:39:49 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	20381	0.40	ng		-0.02
7) Naphthalene-d8	10.46	136	86022	0.40	ng		-0.01
13) Acenaphthene-d10	14.31	164	57674	0.40	ng		-0.02
19) Phenanthrene-d10	17.06	188	134758	0.40	ng		-0.01
27) Chrysene-d12	21.26	240	140994	0.40	ng		0.00
34) Perylene-d12	23.48	264	162150	0.40	ng		-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.31	112	2596	0.04	ng		0.00
5) Phenol-d6	6.88	99	3515	0.03	ng		0.00
8) Nitrobenzene-d5	8.82	82	2801	0.04	ng		-0.01
11) 2-Methylnaphthalene-d10	12.05	152	5808	0.04	ng		-0.02
14) 2,4,6-Tribromophenol	15.81	330	1592	0.05	ng		0.00
15) 2-Fluorobiphenyl	12.93	172	8371	0.04	ng		-0.02
25) Fluoranthene-d10	19.09	212	16695	0.04	ng		-0.01
29) Terphenyl-d14	19.70	244	17919	0.05	ng		-0.02
Target Compounds							Qvalue
9) Naphthalene	10.49	128	16143	0.067	ng	#	95
12) 2-Methylnaphthalene	12.12	142	10251	0.063	ng		97
16) Acenaphthylene	14.03	152	229059	0.749	ng		99
17) Acenaphthene	14.38	154	54987	0.279	ng		97
18) Fluorene	15.37	166	102668	0.406	ng		97
23) Phenanthrene	17.10	178	2279741	5.431	ng		100
24) Anthracene	17.19	178	392832	1.036	ng	#	95
26) Fluoranthene	19.13	202	3964161	7.594	ng		98
28) Pyrene	19.49	202	3364660	6.997	ng	#	95
30) Benzo(a)anthracene	21.24	228	1640498	3.160	ng		98
31) Chrysene	21.29	228	1843789	3.644	ng		97
32) Bis(2-ethylhexyl)phthalate	21.18	149	249825m	0.936	ng		
33) Indeno(1,2,3-cd)pyrene	25.70	276	1269352	2.004	ng	#	94
35) Benzo(b)fluoranthene	22.82	252	2505153	4.450	ng		98
36) Benzo(k)fluoranthene	22.86	252	973494m	1.749	ng		
37) Benzo(a)pyrene	23.38	252	1600258	3.025	ng		98
38) Dibenzo(a,h)anthracene	25.70	278	303293	0.560	ng	#	91
39) Benzo(g,h,i)perylene	26.38	276	1211007	2.261	ng		98

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

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