Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082119\
Data File : BN007301.D
Acq On : 21 Aug 2019 21:46
Operator : HP/JU
Sample : K4441-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : S700-N-0.0-0.5-082019

Manual Integrations APPROVED
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8/26/2019 5:47:54 PM

Quant Time: Aug 22 12:34:17 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN082019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 20 18:52:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.41	152	5552	0.40	ng		0.00
7) Naphthalene-d8	10.16	136	21340	0.40	ng		0.00
13) Acenaphthene-d10	14.06	164	15257	0.40	ng		0.00
19) Phenanthrene-d10	16.82	188	28553	0.40	ng		0.00
27) Chrysene-d12	21.05	240	41627	0.40	ng		0.02
34) Perylene-d12	23.16	264	61862	0.40	ng		0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.04	112	3093	0.18	ng		0.00
5) Phenol-d6	6.61	99	4089	0.20	ng		0.00
8) Nitrobenzene-d5	8.54	82	2974	0.18	ng		0.00
11) 2-Methylnaphthalene-d10	11.77	152	6403	0.17	ng		0.00
14) 2,4,6-Tribromophenol	15.56	330	1493	0.17	ng		0.00
15) 2-Fluorobiphenyl	12.68	172	8106	0.12	ng		0.00
25) Fluoranthene-d10	18.86	212	16908	0.19	ng		0.01
29) Terphenyl-d14	19.47	244	27931	0.27	ng		0.00
Target Compounds							Qvalue
6) bis(2-Chloroethyl)ether	6.86	93	562	0.034	ng	#	33
9) Naphthalene	10.21	128	1083594	17.917	ng		100
12) 2-Methylnaphthalene	11.85	142	490008	11.699	ng		99
16) Acenaphthylene	13.77	152	75528	0.934	ng	#	88
17) Acenaphthene	14.12	154	2636814	51.141	ng		97
18) Fluorene	15.12	166	3609997	53.589	ng		98
22) Pentachlorophenol	16.49	266	352	0.046	ng		87
23) Phenanthrene	16.87	178	21825981	243.886	ng	#	81
24) Anthracene	16.95	178	8179880	101.511	ng	#	91
26) Fluoranthene	18.89	202	23610283m	217.808	ng		
28) Pyrene	19.26	202	21793306m	140.004	ng		
30) Benzo(a)anthracene	21.03	228	15014302	96.999	ng	#	90
31) Chrysene	21.09	228	13304711	84.229	ng	#	92
32) Bis(2-ethylhexyl)phthalate	20.98	149	46410	0.750	ng		95
33) Indeno(1,2,3-cd)pyrene	25.26	276	10098775	53.132	ng	#	95
35) Benzo(b)fluoranthene	22.55	252	18873181	81.836	ng		95
36) Benzo(k)fluoranthene	22.58	252	6622335m	29.311	ng		
37) Benzo(a)pyrene	23.08	252	13465312	64.784	ng		95
38) Dibenzo(a,h)anthracene	25.26	278	2526774	11.572	ng		98
39) Benzo(g,h,i)perylene	25.89	276	9808888	44.441	ng		97

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

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