Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030220\
Data File : BN010040.D
Acq On : 02 Mar 2020 14:52
Operator : CG/JU
Sample : L1613-02MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
TP-14-EP2-3MS

Manual Integrations APPROVED
mohammad
3/3/2020 12:27:27 PM

Quant Time: Mar 02 15:38:37 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN021920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 02 15:27:13 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	1021	0.40	ng		0.00
7) Naphthalene-d8	10.13	136	3453	0.40	ng		-0.01
13) Acenaphthene-d10	14.01	164	2189	0.40	ng		-0.01
19) Phenanthrene-d10	16.77	188	4467	0.40	ng		-0.01
27) Chrysene-d12	20.99	240	4140	0.40	ng		-0.02
34) Perylene-d12	23.09	264	4594	0.40	ng		-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.06	112	778	0.34	ng		0.00
5) Phenol-d6	6.61	99	1033	0.37	ng		-0.02
8) Nitrobenzene-d5	8.57	82	1057	0.37	ng		0.00
11) 2-Methylnaphthalene-d10	11.73	152	1952	0.29	ng		0.00
14) 2,4,6-Tribromophenol	15.55	330	308	0.37	ng		-0.01
15) 2-Fluorobiphenyl	12.64	172	3174	0.38	ng		-0.01
25) Fluoranthene-d10	18.81	212	3905	0.25	ng		-0.01
29) Terphenyl-d14	19.43	244	3515	0.36	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.06	88	277	0.265	ng	#	69
3) n-Nitrosodimethylamine	3.39	42	605	0.352	ng	#	88
6) bis(2-Chloroethyl)ether	6.86	93	739	0.275	ng		94
9) Naphthalene	10.18	128	9420	1.000	ng		95
10) Hexachlorobutadiene	10.46	225	521	0.251	ng	#	97
12) 2-Methylnaphthalene	11.81	142	4701	0.728	ng		98
16) Acenaphthylene	13.73	152	22975	2.462	ng		100
17) Acenaphthene	14.08	154	3350	0.511	ng		100
18) Fluorene	15.08	166	9183	1.061	ng		97
21) Hexachlorobenzene	16.09	284	765	0.275	ng		99
22) Pentachlorophenol	16.46	266	139	0.328	ng		92
23) Phenanthrene	16.81	178	61704	4.641	ng		100
24) Anthracene	16.91	178	19662	1.750	ng		99
26) Fluoranthene	18.85	202	74905	4.706	ng		99
28) Pyrene	19.21	202	77127	4.906	ng		98
30) Benzo(a)anthracene	20.97	228	47475	3.456	ng		95
31) Chrysene	21.03	228	43306	2.725	ng		99
32) Bis(2-ethylhexyl)phthalate	20.92	149	3313	0.494	ng		97
33) Indeno(1,2,3-cd)pyrene	25.12	276	46108	2.786	ng		97
35) Benzo(b)fluoranthene	22.48	252	71099	4.233	ng	#	82
36) Benzo(k)fluoranthene	22.51	252	30283m	1.656	ng		
37) Benzo(a)pyrene	23.00	252	64056m	4.180	ng		
38) Dibenzo(a,h)anthracene	25.12	278	15983	1.059	ng		97
39) Benzo(g,h,i)perylene	25.73	276	48597	3.023	ng		96

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

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