Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN070219\
Data File : BN006701.D
Acq On : 02 Jul 2019 20:37
Operator : HP/JU
Sample : K3505-03MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PST-013-B212-062019MS

Manual Integrations APPROVED
mohammad
7/5/2019 8:42:28 AM

Quant Time: Jul 05 06:02:17 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN070219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 05 05:30:28 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	4375	0.40	ng		0.00
7) Naphthalene-d8	10.39	136	16025	0.40	ng		0.00
13) Acenaphthene-d10	14.27	164	8126	0.40	ng		0.00
19) Phenanthrene-d10	17.03	188	16729	0.40	ng		0.00
27) Chrysene-d12	21.25	240	12923	0.40	ng		-0.01
34) Perylene-d12	23.48	264	13114	0.40	ng		-0.03
System Monitoring Compounds							
4) 2-Fluorophenol	5.24	112	2831	0.24	ng		0.00
5) Phenol-d6	6.81	99	4007	0.27	ng		-0.02
8) Nitrobenzene-d5	8.79	82	2748	0.22	ng		0.00
11) 2-Methylnaphthalene-d10	11.99	152	8350	0.35	ng		0.00
14) 2,4,6-Tribromophenol	15.79	330	914	0.23	ng		0.00
15) 2-Fluorobiphenyl	12.88	172	8317	0.26	ng		0.00
25) Fluoranthene-d10	19.07	212	10798	0.23	ng		0.00
29) Terphenyl-d14	19.67	244	7586	0.25	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.17	88	1435	0.210	ng	#	63
3) n-Nitrosodimethylamine	3.49	42	1148	0.223	ng	#	77
6) bis(2-Chloroethyl)ether	7.06	93	2851	0.224	ng		95
9) Naphthalene	10.44	128	16540	0.377	ng		99
10) Hexachlorobutadiene	10.72	225	2195	0.247	ng	#	100
12) 2-Methylnaphthalene	12.07	142	9268	0.288	ng		99
16) Acenaphthylene	13.99	152	15815	0.390	ng		100
17) Acenaphthene	14.32	154	11640	0.451	ng		98
18) Fluorene	15.32	166	17227	0.537	ng		94
20) 4-Bromophenyl-phenylether	16.22	248	2498	0.253	ng		99
21) Hexachlorobenzene	16.33	284	2882	0.246	ng		99
22) Pentachlorophenol	16.73	266	103	0.177	ng		92
23) Phenanthrene	17.07	178	159411	3.306	ng		100
24) Anthracene	17.16	178	42625	0.978	ng		99
26) Fluoranthene	19.10	202	241993	4.274	ng		99
28) Pyrene	19.46	202	196478	3.799	ng		98
30) Benzo(a)anthracene	21.23	228	99016	2.222	ng		98
31) Chrysene	21.28	228	97972m	2.133	ng		
32) Bis(2-ethylhexyl)phthalate	21.15	149	16017	0.120	ng		99
33) Indeno(1,2,3-cd)pyrene	25.70	276	63070	1.148	ng		97
35) Benzo(b)fluoranthene	22.81	252	113865	2.705	ng	#	94
36) Benzo(k)fluoranthene	22.85	252	49356m	1.081	ng		
37) Benzo(a)pyrene	23.38	252	78466m	1.924	ng		
38) Dibenzo(a,h)anthracene	25.71	278	23337	0.576	ng		98
39) Benzo(g,h,i)perylene	26.39	276	60065	1.441	ng		96

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

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