Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022020\
Data File : BN009800.D
Acq On : 21 Feb 2020 03:57
Operator : CG/JU
Sample : L1482-04MSD 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : TP6-EP2-2MSD

Manual Integrations APPROVED
mohammad
2/21/2020 2:19:59 PM

Quant Time: Feb 21 04:29:26 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN021920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 19 15:57:43 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.41	152	1779	0.40	ng		0.00
7) Naphthalene-d8	10.15	136	6346	0.40	ng		-0.03
13) Acenaphthene-d10	14.03	164	3747	0.40	ng		-0.02
19) Phenanthrene-d10	16.79	188	7572	0.40	ng		-0.02
27) Chrysene-d12	21.00	240	8031	0.40	ng		-0.03
34) Perylene-d12	23.11	264	8314	0.40	ng		-0.03
System Monitoring Compounds							
4) 2-Fluorophenol	5.07	112	332	0.08	ng		-0.02
5) Phenol-d6	6.62	99	381	0.08	ng		-0.02
8) Nitrobenzene-d5	8.57	82	396	0.07	ng		-0.03
11) 2-Methylnaphthalene-d10	11.75	152	920	0.07	ng		-0.04
14) 2,4,6-Tribromophenol	15.55	330	127	0.09	ng		-0.03
15) 2-Fluorobiphenyl	12.65	172	1168	0.08	ng		-0.03
25) Fluoranthene-d10	18.83	212	1403	0.05	ng		-0.03
29) Terphenyl-d14	19.45	244	4316	0.22	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.09	88	118	0.065	ng	#	63
3) n-Nitrosodimethylamine	3.42	42	215	0.072	ng	#	17
6) bis(2-Chloroethyl)ether	6.86	93	401	0.086	ng		90
9) Naphthalene	10.19	128	154227	8.911	ng	#	94
10) Hexachlorobutadiene	10.48	225	245	0.064	ng	#	95
12) 2-Methylnaphthalene	11.82	142	9639	0.812	ng		98
16) Acenaphthylene	13.76	152	106708	6.680	ng		99
17) Acenaphthene	14.10	154	15301	1.362	ng		98
18) Fluorene	15.09	166	28216	1.904	ng		95
21) Hexachlorobenzene	16.11	284	337	0.071	ng	#	91
22) Pentachlorophenol	16.48	266	258	0.342	ng		96
23) Phenanthrene	16.84	178	296385	13.152	ng		99
24) Anthracene	16.92	178	96406	5.061	ng		99
26) Fluoranthene	18.86	202	516965	19.159	ng		99
28) Pyrene	19.23	202	471450	15.459	ng		98
30) Benzo(a)anthracene	20.99	228	317765	11.923	ng		93
31) Chrysene	21.05	228	256176	8.308	ng		97
32) Bis(2-ethylhexyl)phthalate	20.95	149	1786	0.137	ng	#	99
33) Indeno(1,2,3-cd)pyrene	25.15	276	203450	6.336	ng		99
35) Benzo(b)fluoranthene	22.50	252	370676	12.196	ng	#	86
36) Benzo(k)fluoranthene	22.53	252	137163m	4.145	ng		
37) Benzo(a)pyrene	23.02	252	303208	10.933	ng	#	80
38) Dibenzo(a,h)anthracene	25.15	278	58243	2.133	ng		97
39) Benzo(g,h,i)perylene	25.77	276	205463	7.063	ng		96

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

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