Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122320\
Data File : BN013300.D
Acq On : 23 Dec 2020 16:34
Operator : CG/JU
Sample : L5123-16MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
TT180D1-20201214MS

Manual Integrations APPROVED
mohammad
12/24/2020 10:42:32 AM

Quant Time: Dec 23 17:15:57 2020
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN121620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 22 10:46:43 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.322	152	599	0.40	ng		0.00
7) Naphthalene-d8	10.099	136	2069	0.40	ng		# 0.00
13) Acenaphthene-d10	13.991	164	1368	0.40	ng		0.00
19) Phenanthrene-d10	16.763	188	2916	0.40	ng		# 0.00
29) Chrysene-d12	20.992	240	3094	0.40	ng		# 0.00
36) Perylene-d12	23.082	264	3376	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	4.954	112	120	0.05	ng		0.00
5) Phenol-d6	6.532	99	117	0.05	ng		0.00
8) Nitrobenzene-d5	8.515	82	252	0.12	ng		0.01
11) 2-Methylnaphthalene-d10	11.706	152	489	0.13	ng		0.00
14) 2,4,6-Tribromophenol	15.526	330	107	0.12	ng		0.00
15) 2-Fluorobiphenyl	12.608	172	741	0.13	ng		0.00
27) Fluoranthene-d10	18.813	212	1591	0.17	ng		0.00
31) Terphenyl-d14	19.429	244	1423	0.18	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.916	88	3215	3.08	ng	#	93
3) n-Nitrosodimethylamine	3.287	42	93	0.05	ng	#	55
6) bis(2-Chloroethyl)ether	6.782	93	220	0.14	ng		86
9) Naphthalene	10.137	128	906	0.14	ng	#	76
10) Hexachlorobutadiene	10.403	225	186	0.14	ng	#	98
12) 2-Methylnaphthalene	11.786	142	589	0.14	ng	#	91
16) Acenaphthylene	13.712	152	993	0.14	ng		98
17) Acenaphthene	14.054	154	647	0.14	ng		87
18) Fluorene	15.069	166	894	0.15	ng		99
20) 4,6-Dinitro-2-methylph...	15.260	198	30	0.22	ng	#	1
21) 4-Bromophenyl-phenylether	16.008	248	195	0.34	ng	#	76
22) Hexachlorobenzene	16.069	284	305	0.15	ng		97
23) Atrazine	16.252	200	190	0.11	ng	#	68
24) Pentachlorophenol	16.434	266	244	0.29	ng		96
25) Phenanthrene	16.799	178	1542	0.16	ng		99
26) Anthracene	16.909	178	1245	0.15	ng		96
28) Fluoranthene	18.843	202	2093	0.18	ng		100
30) Pyrene	19.210	202	2163	0.18	ng		98
32) Benzo(a)anthracene	20.982	228	1931m	0.18	ng		
33) Chrysene	21.035	228	2016	0.17	ng		96
34) Bis(2-ethylhexyl)phtha...	20.918	149	1650	0.03	ng		96
35) Indeno(1,2,3-cd)pyrene	25.126	276	2771	0.17	ng		95
37) Benzo(b)fluoranthene	22.473	252	2302	0.19	ng	#	75
38) Benzo(k)fluoranthene	22.514	252	2507	0.18	ng	#	80
39) Benzo(a)pyrene	23.000	252	2216	0.19	ng	#	70
40) Dibenzo(a,h)anthracene	25.133	278	2231	0.17	ng	#	73
41) Benzo(g,h,i)perylene	25.742	276	2528	0.18	ng	#	86

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

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