Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090921\
Data File : BN016292.D
Acq On : 10 Sep 2021 16:05
Operator : CG/JU
Sample : PB138875BSD
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB138875BSD

Manual Integrations APPROVED
mohammad
9/13/2021 10:21:28 AM

Quant Time: Sep 10 16:33:40 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN090921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 10 14:34:37 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.864	152	10732	0.400	ng	0.00
7) Naphthalene-d8	10.660	136	54208	0.400	ng	0.00
13) Acenaphthene-d10	14.484	164	31042	0.400	ng	0.00
19) Phenanthrene-d10	17.237	188	63793	0.400	ng	0.00
29) Chrysene-d12	21.429	240	52122	0.400	ng	# 0.00
35) Perylene-d12	23.816	264	26537	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.457	112	10634	0.388	ng	0.00
5) Phenol-d6	7.043	99	13199	0.385	ng	0.00
8) Nitrobenzene-d5	9.025	82	16100	0.370	ng	0.00
11) 2-Methylnaphthalene-d10	12.247	152	32248	0.381	ng	0.00
14) 2,4,6-Tribromophenol	15.981	330	4527	0.355	ng	0.00
15) 2-Fluorobiphenyl	13.114	172	46362	0.381	ng	0.00
27) Fluoranthene-d10	19.271	212	69296	0.370	ng	0.00
31) Terphenyl-d14	19.867	244	59729	0.457	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.373	88	1216	0.319	ng	# 95
3) n-Nitrosodimethylamine	3.742	42	2472	0.313	ng	# 93
6) bis(2-Chloroethyl)ether	7.292	93	11138	0.394	ng	98
9) Naphthalene	10.711	128	55757	0.385	ng	100
10) Hexachlorobutadiene	10.990	225	11179	0.378	ng	# 100
12) 2-Methylnaphthalene	12.318	142	38196	0.392	ng	99
16) Acenaphthylene	14.205	152	52058	0.375	ng	100
17) Acenaphthene	14.548	154	33989	0.377	ng	99
18) Fluorene	15.537	166	42475	0.381	ng	99
20) 4,6-Dinitro-2-methylph...	15.639	198	174	0.276	ng	# 60
21) 4-Bromophenyl-phenylether	16.433	248	12886	0.378	ng	97
22) Hexachlorobenzene	16.543	284	15372	0.376	ng	99
23) Atrazine	16.701	200	9226	0.294	ng	98
24) Pentachlorophenol	16.896	266	1716	0.391	ng	97
25) Phenanthrene	17.273	178	70222	0.379	ng	99
26) Anthracene	17.370	178	63287	0.371	ng	100
28) Fluoranthene	19.301	202	82437	0.379	ng	100
30) Pyrene	19.663	202	82493	0.467	ng	100
32) Benzo(a)anthracene	21.408	228	66145	0.407	ng	99
33) Chrysene	21.461	228	65808	0.409	ng	99
34) Bis(2-ethylhexyl)phtha...	21.334	149	45692	0.457	ng	100
36) Indeno(1,2,3-cd)pyrene	26.291	276	15798	0.358	ng	97
37) Benzo(b)fluoranthene	23.087	252	46888m	0.458	ng	
38) Benzo(k)fluoranthene	23.135	252	39500	0.433	ng	98
39) Benzo(a)pyrene	23.710	252	32610	0.428	ng	# 77
40) Dibenzo(a,h)anthracene	26.308	278	12450	0.369	ng	# 95
41) Benzo(g,h,i)perylene	27.051	276	12725	0.347	ng	96

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

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