Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090921\
Data File : BN016294.D
Acq On : 10 Sep 2021 17:19
Operator : CG/JU
Sample : PB138988BSD
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB138988BSD

Manual Integrations APPROVED
mohammad
9/13/2021 10:21:34 AM

Quant Time: Sep 11 02:30:15 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	10996	0.400	ng	0.00
7) Naphthalene-d8	10.660	136	55340	0.400	ng	0.00
13) Acenaphthene-d10	14.484	164	31391	0.400	ng	-0.01
19) Phenanthrene-d10	17.236	188	64388	0.400	ng	0.00
29) Chrysene-d12	21.429	240	52858	0.400	ng	0.00
35) Perylene-d12	23.813	264	26824	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.457	112	10819	0.386	ng	0.00
5) Phenol-d6	7.043	99	13511	0.385	ng	0.00
8) Nitrobenzene-d5	9.025	82	16415	0.369	ng	0.01
11) 2-Methylnaphthalene-d10	12.247	152	32913	0.381	ng	0.00
14) 2,4,6-Tribromophenol	15.981	330	4627	0.359	ng	0.00
15) 2-Fluorobiphenyl	13.114	172	47774	0.389	ng	0.00
27) Fluoranthene-d10	19.271	212	70102	0.371	ng	0.00
31) Terphenyl-d14	19.867	244	60469	0.456	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.373	88	1241	0.318	ng	# 95
3) n-Nitrosodimethylamine	3.742	42	2572	0.318	ng	# 97
6) bis(2-Chloroethyl)ether	7.292	93	11499	0.397	ng	99
9) Naphthalene	10.711	128	57113	0.386	ng	100
10) Hexachlorobutadiene	10.989	225	11365	0.377	ng	# 100
12) 2-Methylnaphthalene	12.318	142	39244	0.394	ng	100
16) Acenaphthylene	14.205	152	53132	0.378	ng	100
17) Acenaphthene	14.548	154	35142	0.385	ng	99
18) Fluorene	15.537	166	43577	0.386	ng	99
20) 4,6-Dinitro-2-methylph...	15.639	198	177	0.276	ng	# 68
21) 4-Bromophenyl-phenylether	16.433	248	13206	0.383	ng	97
22) Hexachlorobenzene	16.543	284	15729	0.381	ng	99
23) Atrazine	16.701	200	9383	0.296	ng	98
24) Pentachlorophenol	16.896	266	1692	0.385	ng	98
25) Phenanthrene	17.273	178	71401	0.382	ng	99
26) Anthracene	17.370	178	64824	0.377	ng	100
28) Fluoranthene	19.301	202	83875	0.382	ng	100
30) Pyrene	19.663	202	83191	0.464	ng	100
32) Benzo(a)anthracene	21.408	228	68294	0.414	ng	99
33) Chrysene	21.461	228	66532	0.407	ng	100
34) Bis(2-ethylhexyl)phtha...	21.333	149	45273	0.446	ng	100
36) Indeno(1,2,3-cd)pyrene	26.288	276	15875	0.356	ng	97
37) Benzo(b)fluoranthene	23.084	252	47476m	0.458	ng	
38) Benzo(k)fluoranthene	23.135	252	40289	0.436	ng	98
39) Benzo(a)pyrene	23.707	252	33597	0.436	ng	# 73
40) Dibenzo(a,h)anthracene	26.305	278	12595	0.369	ng	96
41) Benzo(g,h,i)perylene	27.041	276	12736	0.344	ng	97

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

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