Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110423\
Data File : BN028468.D
Acq On : 04 Nov 2023 11:10
Operator : MA/JU
Sample : PB156879BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB156879BS

Quant Time: Nov 06 04:44:07 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN110123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 02 06:26:50 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.717	152	10399	0.400	ng	0.00
7) Naphthalene-d8	10.509	136	31853	0.400	ng	# 0.00
13) Acenaphthene-d10	14.363	164	17116	0.400	ng	0.00
19) Phenanthrene-d10	17.109	188	39782	0.400	ng	#-0.01
29) Chrysene-d12	21.328	240	27247	0.400	ng	0.00
35) Perylene-d12	23.646	264	12340	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.298	112	12188	0.449	ng	0.00
5) Phenol-d6	6.887	99	14687	0.427	ng	0.00
8) Nitrobenzene-d5	8.865	82	8384	0.407	ng	-0.01
11) 2-Methylnaphthalene-d10	12.106	152	19213	0.422	ng	0.00
14) 2,4,6-Tribromophenol	15.855	330	3379	0.506	ng	0.00
15) 2-Fluorobiphenyl	13.006	172	2905	0.143	ng	0.00
27) Fluoranthene-d10	19.157	212	37758	0.384	ng	0.00
31) Terphenyl-d14	19.765	244	27770	0.484	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.203	88	3829	0.333	ng	# 78
3) n-Nitrosodimethylamine	3.514	42	4748	0.370	ng	# 91
6) bis(2-Chloroethyl)ether	7.147	93	12374	0.415	ng	97
9) Naphthalene	10.552	128	35831	0.417	ng	99
10) Hexachlorobutadiene	10.851	225	6368	0.445	ng	# 99
12) 2-Methylnaphthalene	12.178	142	23796	0.397	ng	100
16) Acenaphthylene	14.085	152	30742	0.364	ng	100
17) Acenaphthene	14.428	154	21631	0.404	ng	99
18) Fluorene	15.411	166	31446	0.431	ng	100
20) 4,6-Dinitro-2-methylph...	15.497	198	1310	0.443	ng	# 85
21) 4-Bromophenyl-phenylether	16.314	248	9610	0.436	ng	# 82
22) Hexachlorobenzene	16.426	284	10581	0.454	ng	97
24) Pentachlorophenol	16.761	266	9392	1.120	ng	99
25) Phenanthrene	17.158	178	46558	0.396	ng	100
26) Anthracene	17.245	178	42028	0.375	ng	100
28) Fluoranthene	19.189	202	50232	0.366	ng	99
30) Pyrene	19.552	202	40447	0.356	ng	99
32) Benzo(a)anthracene	21.310	228	45948	0.425	ng	98
33) Chrysene	21.364	228	46188	0.429	ng	98
34) Bis(2-ethylhexyl)phtha...	21.266	149	36320	0.650	ng	# 99
36) Indeno(1,2,3-cd)pyrene	26.028	276	35761	0.782	ng	97
37) Benzo(b)fluoranthene	22.944	252	42969	0.961	ng	# 93
38) Benzo(k)fluoranthene	22.991	252	34725	0.719	ng	# 89
39) Benzo(a)pyrene	23.540	252	23155	0.551	ng	# 81
40) Dibenzo(a,h)anthracene	26.052	278	35972	0.912	ng	# 89
41) Benzo(g,h,i)perylene	26.754	276	28934	0.685	ng	95

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

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