Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082521\
Data File : BN016036.D
Acq On : 24 Aug 2021 18:23
Operator : CG/JU
Sample : PB138470BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PB138470BS

Quant Time: Aug 24 18:54:23 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 24 14:26:02 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.891	152	8556	0.400	ng	0.00
7) Naphthalene-d8	10.686	136	45611	0.400	ng	0.00
13) Acenaphthene-d10	14.510	164	24829	0.400	ng	0.00
19) Phenanthrene-d10	17.249	188	46951	0.400	ng	0.00
29) Chrysene-d12	21.440	240	49704	0.400	ng	# 0.00
35) Perylene-d12	23.837	264	46535	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.457	112	8614	0.421	ng	0.00
5) Phenol-d6	7.052	99	12019	0.421	ng	0.00
8) Nitrobenzene-d5	9.038	82	12127	0.404	ng	0.00
11) 2-Methylnaphthalene-d10	12.265	152	27777	0.404	ng	0.00
14) 2,4,6-Tribromophenol	15.994	330	3169	0.450	ng	0.00
15) 2-Fluorobiphenyl	13.140	172	35990	0.360	ng	0.00
27) Fluoranthene-d10	19.286	212	50552	0.382	ng	0.00
31) Terphenyl-d14	19.882	244	46006	0.377	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.392	88	1805	0.384	ng	# 85
3) n-Nitrosodimethylamine	3.761	42	3105	0.421	ng	# 96
6) bis(2-Chloroethyl)ether	7.311	93	9668	0.405	ng	100
9) Naphthalene	10.724	128	46217	0.385	ng	100
10) Hexachlorobutadiene	11.015	225	10630	0.399	ng	# 100
12) 2-Methylnaphthalene	12.341	142	30558	0.399	ng	100
16) Acenaphthylene	14.231	152	35507	0.389	ng	99
17) Acenaphthene	14.573	154	26082	0.373	ng	99
18) Fluorene	15.550	166	31342	0.375	ng	99
20) 4,6-Dinitro-2-methylph...	15.639	198	859	0.359	ng	94
21) 4-Bromophenyl-phenylether	16.446	248	8801	0.373	ng	97
22) Hexachlorobenzene	16.567	284	12224	0.369	ng	99
23) Atrazine	16.713	200	6214	0.438	ng	97
24) Pentachlorophenol	16.908	266	2862	0.329	ng	100
25) Phenanthrene	17.298	178	48962	0.367	ng	100
26) Anthracene	17.383	178	41140	0.376	ng	100
28) Fluoranthene	19.316	202	56248	0.380	ng	100
30) Pyrene	19.679	202	56052	0.379	ng	100
32) Benzo(a)anthracene	21.429	228	54626	0.362	ng	98
33) Chrysene	21.472	228	59176	0.371	ng	97
34) Bis(2-ethylhexyl)phtha...	21.355	149	16619	0.413	ng	100
36) Indeno(1,2,3-cd)pyrene	26.315	276	65146	0.370	ng	100
37) Benzo(b)fluoranthene	23.105	252	60937	0.366	ng	98
38) Benzo(k)fluoranthene	23.153	252	57137	0.368	ng	99
39) Benzo(a)pyrene	23.728	252	53721	0.374	ng	# 95
40) Dibenzo(a,h)anthracene	26.336	278	53828	0.369	ng	100
41) Benzo(g,h,i)perylene	27.075	276	55615	0.369	ng	99

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

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