Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082521\
Data File : BN016038.D
Acq On : 24 Aug 2021 19:37
Operator : CG/JU
Sample : PB138619BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PB138619BS

Quant Time: Aug 25 04:18:33 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	8296	0.400	ng	0.00
7) Naphthalene-d8	10.685	136	44355	0.400	ng	0.00
13) Acenaphthene-d10	14.510	164	24296	0.400	ng	0.00
19) Phenanthrene-d10	17.249	188	45020	0.400	ng	0.00
29) Chrysene-d12	21.440	240	46736	0.400	ng	# 0.00
35) Perylene-d12	23.833	264	43719	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.457	112	8486	0.427	ng	0.00
5) Phenol-d6	7.052	99	11872	0.429	ng	0.00
8) Nitrobenzene-d5	9.038	82	12299	0.422	ng	0.00
11) 2-Methylnaphthalene-d10	12.265	152	27662	0.414	ng	0.00
14) 2,4,6-Tribromophenol	15.994	330	3144	0.456	ng	0.00
15) 2-Fluorobiphenyl	13.139	172	35296	0.361	ng	0.00
27) Fluoranthene-d10	19.286	212	50556	0.398	ng	0.00
31) Terphenyl-d14	19.882	244	45191	0.394	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.392	88	1768	0.388	ng	# 84
3) n-Nitrosodimethylamine	3.751	42	2958	0.413	ng	# 97
6) bis(2-Chloroethyl)ether	7.310	93	9378	0.405	ng	99
9) Naphthalene	10.723	128	45724	0.392	ng	100
10) Hexachlorobutadiene	11.015	225	10626	0.410	ng	# 100
12) 2-Methylnaphthalene	12.341	142	30192	0.406	ng	100
16) Acenaphthylene	14.231	152	35382	0.396	ng	99
17) Acenaphthene	14.573	154	26020	0.380	ng	99
18) Fluorene	15.550	166	30924	0.378	ng	99
20) 4,6-Dinitro-2-methylph...	15.639	198	848	0.366	ng	96
21) 4-Bromophenyl-phenylether	16.445	248	8775	0.388	ng	95
22) Hexachlorobenzene	16.567	284	12082	0.381	ng	99
23) Atrazine	16.713	200	6329	0.456	ng	98
24) Pentachlorophenol	16.908	266	2986	0.358	ng	99
25) Phenanthrene	17.297	178	48366	0.378	ng	100
26) Anthracene	17.382	178	41120	0.392	ng	99
28) Fluoranthene	19.316	202	55428	0.390	ng	100
30) Pyrene	19.678	202	55482	0.399	ng	100
32) Benzo(a)anthracene	21.418	228	56583	0.399	ng	98
33) Chrysene	21.472	228	57158	0.381	ng	98
34) Bis(2-ethylhexyl)phtha...	21.355	149	18005	0.476	ng	100
36) Indeno(1,2,3-cd)pyrene	26.312	276	58541	0.354	ng	99
37) Benzo(b)fluoranthene	23.104	252	58948	0.377	ng	98
38) Benzo(k)fluoranthene	23.152	252	54890	0.377	ng	98
39) Benzo(a)pyrene	23.727	252	50438	0.374	ng	# 94
40) Dibenzo(a,h)anthracene	26.329	278	48547	0.355	ng	99
41) Benzo(g,h,i)perylene	27.071	276	51042	0.361	ng	99

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

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