Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110322\
Data File : BN022498.D
Acq On : 04 Nov 2022 05:10
Operator : CG/JU
Sample : PB148780BSD
Misc :
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Nov 04 05:56:35 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN110322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 04 03:28:17 2022
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
PB148780BSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 11/04/2022
Supervised By :Sohil Jodhani 11/04/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.913	152	4202	0.400	ng	0.00
7) Naphthalene-d8	10.741	136	14006	0.400	ng	-0.01
13) Acenaphthene-d10	14.589	164	8710	0.400	ng	-0.01
19) Phenanthrene-d10	17.350	188	15908	0.400	ng	# 0.00
29) Chrysene-d12	21.555	240	15356	0.400	ng	0.00
35) Perylene-d12	24.002	264	13718	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.443	112	4443	0.374	ng	0.00
5) Phenol-d6	7.075	99	6541	0.437	ng	-0.01
8) Nitrobenzene-d5	9.097	82	5218	0.412	ng	-0.01
11) 2-Methylnaphthalene-d10	12.342	152	8927	0.380	ng	0.00
14) 2,4,6-Tribromophenol	16.096	330	1435	0.314	ng	0.00
15) 2-Fluorobiphenyl	13.210	172	14912	0.411	ng	-0.01
27) Fluoranthene-d10	19.390	212	18993	0.437	ng	0.00
31) Terphenyl-d14	19.985	244	19484	0.407	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.269	88	2088m	0.331	ng	
3) n-Nitrosodimethylamine	3.616	42	2312	0.353	ng	97
6) bis(2-Chloroethyl)ether	7.343	93	5459	0.408	ng	98
9) Naphthalene	10.795	128	16369	0.386	ng	98
10) Hexachlorobutadiene	11.072	225	2785	0.380	ng	# 100
12) 2-Methylnaphthalene	12.054	142	3470	0.344	ng	# 90
16) Acenaphthylene	14.311	152	16148	0.365	ng	99
17) Acenaphthene	14.653	154	11006	0.386	ng	99
18) Fluorene	15.647	166	15009	0.376	ng	100
20) 4,6-Dinitro-2-methylph...	15.749	198	830	0.438	ng	# 77
21) 4-Bromophenyl-phenylether	16.531	248	3683	0.375	ng	# 77
22) Hexachlorobenzene	16.655	284	4393	0.391	ng	98
23) Atrazine	16.816	200	2997	0.339	ng	94
24) Pentachlorophenol	17.002	266	1416	0.416	ng	97
25) Phenanthrene	17.387	178	21683	0.408	ng	100
26) Anthracene	17.486	178	17664	0.378	ng	100
28) Fluoranthene	19.420	202	25420	0.444	ng	100
30) Pyrene	19.782	202	25640	0.387	ng	100
32) Benzo(a)anthracene	21.537	228	22838	0.370	ng	99
33) Chrysene	21.591	228	24172	0.395	ng	100
34) Bis(2-ethylhexyl)phtha...	21.456	149	13574	0.261	ng	99
36) Indeno(1,2,3-cd)pyrene	26.569	276	23483	0.356	ng	100
37) Benzo(b)fluoranthene	23.248	252	22535	0.418	ng	95
38) Benzo(k)fluoranthene	23.298	252	22488	0.409	ng	94
39) Benzo(a)pyrene	23.891	252	18653	0.404	ng	97
40) Dibenzo(a,h)anthracene	26.590	278	18591	0.354	ng	95
41) Benzo(g,h,i)perylene	27.361	276	18742	0.336	ng	97

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

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