Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102424\
Data File : BN034704.D
Acq On : 24 Oct 2024 22:50
Operator : RC/JU
Sample : PB164229BSD
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB164229BSD

Quant Time: Oct 25 02:08:18 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN102424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 24 13:17:02 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.712	152	6487	0.400	ng	0.00
7) Naphthalene-d8	10.479	136	18237	0.400	ng	0.00
13) Acenaphthene-d10	14.329	164	7824	0.400	ng	0.00
19) Phenanthrene-d10	17.069	188	14054	0.400	ng	0.00
29) Chrysene-d12	21.241	240	7021	0.400	ng	# 0.00
35) Perylene-d12	23.458	264	3135	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.322	112	5673	0.294	ng	0.00
5) Phenol-d6	6.882	99	7367	0.290	ng	0.00
8) Nitrobenzene-d5	8.845	82	4969	0.325	ng	0.00
11) 2-Methylnaphthalene-d10	12.071	152	12285	0.490	ng	0.00
14) 2,4,6-Tribromophenol	15.815	330	544	0.225	ng	0.00
15) 2-Fluorobiphenyl	12.950	172	10998	0.354	ng	0.00
27) Fluoranthene-d10	19.094	212	10017	0.316	ng	0.00
31) Terphenyl-d14	19.703	244	5561	0.388	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.285	88	2567	0.297	ng	# 38
3) n-Nitrosodimethylamine	3.581	42	4768	0.379	ng	# 92
6) bis(2-Chloroethyl)ether	7.142	93	7506	0.363	ng	100
9) Naphthalene	10.532	128	17602	0.349	ng	100
10) Hexachlorobutadiene	10.831	225	2600	0.344	ng	# 99
12) 2-Methylnaphthalene	12.143	142	10570	0.338	ng	98
16) Acenaphthylene	14.040	152	12917	0.344	ng	100
17) Acenaphthene	14.382	154	9099	0.351	ng	100
18) Fluorene	15.377	166	11462	0.359	ng	93
20) 4,6-Dinitro-2-methylph...	15.441	198	601	0.307	ng	# 63
21) 4-Bromophenyl-phenylether	16.275	248	2637	0.352	ng	97
22) Hexachlorobenzene	16.374	284	2911	0.358	ng	97
24) Pentachlorophenol	16.721	266	1722	0.599	ng	98
25) Phenanthrene	17.106	178	15394	0.365	ng	100
26) Anthracene	17.193	178	13285	0.355	ng	99
28) Fluoranthene	19.122	202	14394	0.327	ng	100
30) Pyrene	19.484	202	13390	0.371	ng	99
32) Benzo(a)anthracene	21.232	228	10448	0.390	ng	99
33) Chrysene	21.277	228	11412	0.411	ng	99
34) Bis(2-ethylhexyl)phtha...	21.187	149	5728	0.376	ng	98
36) Indeno(1,2,3-cd)pyrene	25.691	276	8126	0.673	ng	95
37) Benzo(b)fluoranthene	22.797	252	9699	0.775	ng	93
38) Benzo(k)fluoranthene	22.841	252	8745	0.708	ng	94
39) Benzo(a)pyrene	23.364	252	5960	0.593	ng	# 85
40) Dibenzo(a,h)anthracene	25.709	278	7257	0.762	ng	96
41) Benzo(g,h,i)perylene	26.358	276	6650	0.633	ng	96

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

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