Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120924\
Data File : BN035507.D
Acq On : 09 Dec 2024 15:16
Operator : RC/JU
Sample : PB165433BSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Dec 09 16:26:22 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 27 23:03:24 2024
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
PB165433BSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/11/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.301	152	1939	0.400	ng	0.00
7) Naphthalene-d8	10.041	136	5409	0.400	ng	-0.01
13) Acenaphthene-d10	13.957	164	3684	0.400	ng	-0.01
19) Phenanthrene-d10	16.723	188	8261	0.400	ng	#-0.01
29) Chrysene-d12	20.965	240	7509	0.400	ng	0.00
35) Perylene-d12	23.062	264	6920	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.961	112	2096	0.432	ng	0.00
5) Phenol-d6	6.506	99	2538	0.435	ng	0.00
8) Nitrobenzene-d5	8.429	82	1624m	0.492	ng	-0.01
11) 2-Methylnaphthalene-d10	11.646	152	5088	0.601	ng	0.00
14) 2,4,6-Tribromophenol	15.475	330	678	0.259	ng	0.00
15) 2-Fluorobiphenyl	12.564	172	6365	0.457	ng	0.00
27) Fluoranthene-d10	18.775	212	10399	0.444	ng	0.00
31) Terphenyl-d14	19.407	244	7873	0.531	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.996	88	792	0.427	ng	# 76
3) n-Nitrosodimethylamine	3.285	42	779	0.505	ng	# 98
6) bis(2-Chloroethyl)ether	6.752	93	2219	0.452	ng	99
9) Naphthalene	10.095	128	6257	0.439	ng	99
10) Hexachlorobutadiene	10.394	225	1437	0.437	ng	# 99
12) 2-Methylnaphthalene	11.722	142	4454	0.436	ng	100
16) Acenaphthylene	13.668	152	7185	0.464	ng	100
17) Acenaphthene	14.021	154	4601	0.448	ng	99
18) Fluorene	15.026	166	6301	0.429	ng	100
20) 4,6-Dinitro-2-methylph...	15.133	198	166	0.204	ng	# 42
21) 4-Bromophenyl-phenylether	15.929	248	2202	0.456	ng	# 86
22) Hexachlorobenzene	16.028	284	2682	0.473	ng	98
23) Atrazine	16.227	200	1653	0.481	ng	95
24) Pentachlorophenol	16.388	266	1667	0.675	ng	87
25) Phenanthrene	16.760	178	9951	0.439	ng	99
26) Anthracene	16.860	178	9201	0.448	ng	99
28) Fluoranthene	18.808	202	12216	0.399	ng	99
30) Pyrene	19.175	202	12657	0.457	ng	100
32) Benzo(a)anthracene	20.947	228	11432	0.435	ng	99
33) Chrysene	21.001	228	12395	0.458	ng	99
34) Bis(2-ethylhexyl)phtha...	20.920	149	5109	0.493	ng	99
36) Indeno(1,2,3-cd)pyrene	25.099	276	11293	0.417	ng	97
37) Benzo(b)fluoranthene	22.445	252	12165	0.481	ng	98
38) Benzo(k)fluoranthene	22.489	252	11734	0.471	ng	97
39) Benzo(a)pyrene	22.971	252	9804	0.470	ng	97
40) Dibenzo(a,h)anthracene	25.117	278	8723	0.409	ng	98
41) Benzo(g,h,i)perylene	25.710	276	8965	0.402	ng	99

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

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