Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120924\
Data File : BN035529.D
Acq On : 10 Dec 2024 12:03
Operator : RC/JU
Sample : PB165497BSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Dec 10 12:29:35 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 :
PB165497BSD

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	7.293	152	1941	0.400	ng	-0.01
7) Naphthalene-d8	10.041	136	5150	0.400	ng	#-0.01
13) Acenaphthene-d10	13.957	164	3668	0.400	ng	-0.01
19) Phenanthrene-d10	16.723	188	9298	0.400	ng	#-0.01
29) Chrysene-d12	20.965	240	7541	0.400	ng	# 0.00
35) Perylene-d12	23.062	264	6738	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.953	112	1717	0.353	ng	-0.01
5) Phenol-d6	6.499	99	2115	0.362	ng	-0.01
8) Nitrobenzene-d5	8.429	82	1343m	0.427	ng	-0.01
11) 2-Methylnaphthalene-d10	11.641	152	4295	0.533	ng	-0.02
14) 2,4,6-Tribromophenol	15.475	330	578	0.222	ng	0.00
15) 2-Fluorobiphenyl	12.564	172	5507	0.397	ng	-0.01
27) Fluoranthene-d10	18.775	212	9641	0.366	ng	0.00
31) Terphenyl-d14	19.407	244	7098	0.477	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.989	88	647	0.349	ng	# 56
3) n-Nitrosodimethylamine	3.285	42	661	0.428	ng	# 94
6) bis(2-Chloroethyl)ether	6.744	93	1900	0.387	ng	99
9) Naphthalene	10.084	128	5241	0.386	ng	99
10) Hexachlorobutadiene	10.383	225	1268	0.405	ng	# 98
12) 2-Methylnaphthalene	11.717	142	3778	0.388	ng	98
16) Acenaphthylene	13.668	152	6063	0.394	ng	99
17) Acenaphthene	14.021	154	4005	0.392	ng	100
18) Fluorene	15.026	166	5751	0.393	ng	99
20) 4,6-Dinitro-2-methylph...	15.133	198	209	0.229	ng	# 59
21) 4-Bromophenyl-phenylether	15.929	248	2020	0.371	ng	# 83
22) Hexachlorobenzene	16.028	284	2497	0.391	ng	98
23) Atrazine	16.227	200	1417	0.366	ng	95
24) Pentachlorophenol	16.388	266	914	0.329	ng	89
25) Phenanthrene	16.760	178	9843	0.385	ng	100
26) Anthracene	16.860	178	8899	0.385	ng	99
28) Fluoranthene	18.808	202	11483	0.334	ng	98
30) Pyrene	19.175	202	11774	0.423	ng	100
32) Benzo(a)anthracene	20.956	228	10084	0.382	ng	99
33) Chrysene	21.001	228	10858	0.399	ng	99
34) Bis(2-ethylhexyl)phtha...	20.920	149	4232	0.406	ng	99
36) Indeno(1,2,3-cd)pyrene	25.102	276	9995	0.379	ng	96
37) Benzo(b)fluoranthene	22.450	252	11361	0.461	ng	98
38) Benzo(k)fluoranthene	22.491	252	10907	0.450	ng	97
39) Benzo(a)pyrene	22.971	252	8432	0.415	ng	97
40) Dibenzo(a,h)anthracene	25.126	278	7420	0.357	ng	96
41) Benzo(g,h,i)perylene	25.713	276	8161	0.376	ng	98

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

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