Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112524\
Data File : BN035290.D
Acq On : 25 Nov 2024 18:44
Operator : RC/JU
Sample : PB165150BS
Misc :
ALS Vial : 66 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB165150BS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024

Quant Time: Nov 26 03:32:01 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 26 02:36:08 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.315	152	3630	0.400	ng	0.00
7) Naphthalene-d8	10.063	136	8519	0.400	ng	# 0.00
13) Acenaphthene-d10	13.966	164	4791	0.400	ng	#-0.01
19) Phenanthrene-d10	16.734	188	9614	0.400	ng	0.00
29) Chrysene-d12	21.008	240	730	0.400	ng	0.00
35) Perylene-d12	23.081	264	5488	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.975	112	2994	0.437	ng	0.00
5) Phenol-d6	6.520	99	3620	0.378	ng	0.00
8) Nitrobenzene-d5	8.450	82	1584m	0.229	ng	0.00
11) 2-Methylnaphthalene-d10	11.663	152	5762	0.483	ng	0.00
14) 2,4,6-Tribromophenol	15.484	330	538	0.220	ng	0.00
15) 2-Fluorobiphenyl	12.608	172	722	0.273	ng	0.00
27) Fluoranthene-d10	18.792	212	8963	0.348	ng	0.00
31) Terphenyl-d14	19.419	244	6215	0.461	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.003	88	1166	0.447	ng	# 87
3) n-Nitrosodimethylamine	3.292	42	1003	0.371	ng	# 74
6) bis(2-Chloroethyl)ether	6.766	93	3531	0.438	ng	94
9) Naphthalene	10.105	128	8426	0.356	ng	99
10) Hexachlorobutadiene	10.415	225	1969	0.296	ng	# 100
12) 2-Methylnaphthalene	11.742	142	5618	0.363	ng	99
16) Acenaphthylene	13.688	152	8047	0.334	ng	100
17) Acenaphthene	14.030	154	5138	0.338	ng	# 87
18) Fluorene	15.035	166	6631	0.312	ng	98
20) 4,6-Dinitro-2-methylph...	15.131	198	262	0.378	ng	95
21) 4-Bromophenyl-phenylether	15.939	248	2264	0.371	ng	97
22) Hexachlorobenzene	16.051	284	2814	0.322	ng	98
23) Atrazine	16.237	200	929	0.362	ng	97
24) Pentachlorophenol	16.399	266	706	0.337	ng	97
25) Phenanthrene	16.771	178	10143	0.343	ng	100
26) Anthracene	16.870	178	8875	0.350	ng	99
28) Fluoranthene	18.820	202	10421	0.280	ng	99
30) Pyrene	19.187	202	9974	0.376	ng	99
32) Benzo(a)anthracene	21.017	228	8490	0.334	ng	99
33) Chrysene	21.017	228	8490	0.334	ng	99
34) Bis(2-ethylhexyl)phtha...	21.008	149	560	0.401	ng	# 62
36) Indeno(1,2,3-cd)pyrene	25.124	276	8459	0.376	ng	99
37) Benzo(b)fluoranthene	22.464	252	7319	0.307	ng	98
38) Benzo(k)fluoranthene	22.505	252	8291	0.329	ng	98
39) Benzo(a)pyrene	22.990	252	6610	0.363	ng	98
40) Dibenzo(a,h)anthracene	25.142	278	6393	0.376	ng	97
41) Benzo(g,h,i)perylene	25.741	276	7117	0.362	ng	98

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

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