Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122324\
Data File : BN035840.D
Acq On : 25 Dec 2024 03:27
Operator : RC/JU
Sample : PB165724BSD
Misc :
ALS Vial : 91 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB165724BSD

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 12/26/2024
Supervised By :mohammad ahmed 12/26/2024

Quant Time: Dec 25 04:04:03 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 19 23:06:19 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.257	152	2860	0.400	ng	-0.01
7) Naphthalene-d8	9.999	136	6631	0.400	ng	-0.02
13) Acenaphthene-d10	13.914	164	3714	0.400	ng	-0.02
19) Phenanthrene-d10	16.698	188	7456	0.400	ng	# 0.00
29) Chrysene-d12	20.938	240	6398	0.400	ng	#-0.02
35) Perylene-d12	23.024	264	6087	0.400	ng	#-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	4.932	112	2533	0.354	ng	0.00
5) Phenol-d6	6.477	99	2675	0.311	ng	-0.01
8) Nitrobenzene-d5	8.397	82	2182m	0.539	ng	-0.01
11) 2-Methylnaphthalene-d10	11.606	152	5636	0.543	ng	-0.02
14) 2,4,6-Tribromophenol	15.443	330	442	0.168	ng	-0.01
15) 2-Fluorobiphenyl	12.528	172	6589	0.469	ng	-0.02
27) Fluoranthene-d10	18.748	212	8991	0.425	ng	-0.01
31) Terphenyl-d14	19.379	244	6321	0.501	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.982	88	1251	0.458	ng	# 61
3) n-Nitrosodimethylamine	3.263	42	1115	0.490	ng	# 90
6) bis(2-Chloroethyl)ether	6.716	93	2821	0.390	ng	99
9) Naphthalene	10.052	128	7446	0.426	ng	99
10) Hexachlorobutadiene	10.340	225	1960	0.486	ng	# 99
12) 2-Methylnaphthalene	11.682	142	4738	0.378	ng	98
16) Acenaphthylene	13.625	152	6860	0.440	ng	100
17) Acenaphthene	13.978	154	4531	0.438	ng	99
18) Fluorene	14.983	166	5728	0.387	ng	99
20) 4,6-Dinitro-2-methylph...	15.122	198	238	0.325	ng	# 21
21) 4-Bromophenyl-phenylether	15.904	248	1838	0.421	ng	# 94
22) Hexachlorobenzene	15.991	284	2589	0.506	ng	98
23) Atrazine	16.202	200	1302	0.419	ng	94
24) Pentachlorophenol	16.363	266	1173	0.526	ng	# 87
25) Phenanthrene	16.736	178	8818	0.431	ng	100
26) Anthracene	16.823	178	7825	0.422	ng	100
28) Fluoranthene	18.780	202	10869	0.394	ng	99
30) Pyrene	19.147	202	11197	0.474	ng	100
32) Benzo(a)anthracene	20.929	228	8594	0.384	ng	99
33) Chrysene	20.983	228	11232	0.487	ng	99
34) Bis(2-ethylhexyl)phtha...	20.893	149	3719	0.421	ng	100
36) Indeno(1,2,3-cd)pyrene	25.050	276	9852	0.414	ng	95
37) Benzo(b)fluoranthene	22.416	252	13438	0.604	ng	# 93
38) Benzo(k)fluoranthene	22.456	252	12201m	0.557	ng	
39) Benzo(a)pyrene	22.939	252	8474	0.462	ng	# 86
40) Dibenzo(a,h)anthracene	25.070	278	6871	0.366	ng	# 89
41) Benzo(g,h,i)perylene	25.655	276	8667	0.442	ng	98

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

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