Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121924\
Data File : BN035736.D
Acq On : 20 Dec 2024 11:41
Operator : RC/JU
Sample : P5280-05MSD
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BPOW6-11-20241212MSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024

Quant Time: Dec 20 12:27:13 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	7.272	152	3357	0.400	ng		0.00
7) Naphthalene-d8	10.009	136	9243	0.400	ng		-0.01
13) Acenaphthene-d10	13.924	164	5773	0.400	ng		-0.01
19) Phenanthrene-d10	16.698	188	12117	0.400	ng		# 0.00
29) Chrysene-d12	20.947	240	11029	0.400	ng		# 0.00
35) Perylene-d12	23.038	264	11370	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	4.939	112	942	0.112	ng		0.00
5) Phenol-d6	6.484	99	701	0.069	ng		0.00
8) Nitrobenzene-d5	8.408	82	2003m	0.355	ng		0.00
11) 2-Methylnaphthalene-d10	11.615	152	4592	0.317	ng		0.00
14) 2,4,6-Tribromophenol	15.453	330	754	0.184	ng		0.00
15) 2-Fluorobiphenyl	12.538	172	6026	0.276	ng		0.00
27) Fluoranthene-d10	18.757	212	13288	0.387	ng		0.00
31) Terphenyl-d14	19.388	244	10572	0.486	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.982	88	1749	0.545	ng	#	90
3) n-Nitrosodimethylamine	3.278	42	394	0.147	ng	#	89
6) bis(2-Chloroethyl)ether	6.723	93	2407	0.284	ng		99
9) Naphthalene	10.063	128	6583	0.270	ng		99
10) Hexachlorobutadiene	10.351	225	924	0.164	ng	#	99
12) 2-Methylnaphthalene	11.692	142	4392	0.252	ng		98
16) Acenaphthylene	13.636	152	7346	0.303	ng		99
17) Acenaphthene	13.989	154	4688	0.291	ng		98
18) Fluorene	14.993	166	6437	0.279	ng		99
20) 4,6-Dinitro-2-methylph...	15.122	198	141	0.118	ng	#	1
21) 4-Bromophenyl-phenylether	15.904	248	2466	0.348	ng	#	82
22) Hexachlorobenzene	16.003	284	2768	0.333	ng		95
23) Atrazine	16.202	200	1444	0.286	ng		96
24) Pentachlorophenol	16.375	266	361	0.100	ng		92
25) Phenanthrene	16.735	178	11782	0.354	ng		99
26) Anthracene	16.835	178	10189	0.338	ng		99
28) Fluoranthene	18.789	202	15192	0.339	ng		99
30) Pyrene	19.156	202	15901	0.391	ng		99
32) Benzo(a)anthracene	20.938	228	13511	0.350	ng		98
33) Chrysene	20.991	228	15009	0.377	ng		98
34) Bis(2-ethylhexyl)phtha...	20.911	149	7279	0.478	ng	#	99
36) Indeno(1,2,3-cd)pyrene	25.061	276	14877	0.335	ng		98
37) Benzo(b)fluoranthene	22.427	252	21467	0.516	ng		97
38) Benzo(k)fluoranthene	22.468	252	15196m	0.371	ng		
39) Benzo(a)pyrene	22.950	252	11175	0.326	ng		93
40) Dibenzo(a,h)anthracene	25.079	278	11466	0.327	ng		97
41) Benzo(g,h,i)perylene	25.675	276	11017	0.301	ng		99

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

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