Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121924\
Data File : BN035735.D
Acq On : 20 Dec 2024 11:05
Operator : RC/JU
Sample : P5280-04MS
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BPOW6-11-20241212MS

Manual Integrations APPROVED

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

Quant Time: Dec 20 11:38:22 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : 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	7.271	152	3051	0.400	ng		0.00
7) Naphthalene-d8	10.009	136	8358	0.400	ng		-0.01
13) Acenaphthene-d10	13.924	164	5197	0.400	ng		-0.01
19) Phenanthrene-d10	16.698	188	10502	0.400	ng		# 0.00
29) Chrysene-d12	20.947	240	9278	0.400	ng		# 0.00
35) Perylene-d12	23.038	264	9467	0.400	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	4.939	112	857	0.112	ng		0.00
5) Phenol-d6	6.484	99	610	0.066	ng		0.00
8) Nitrobenzene-d5	8.408	82	1791m	0.351	ng		0.00
11) 2-Methylnaphthalene-d10	11.615	152	4131	0.316	ng		0.00
14) 2,4,6-Tribromophenol	15.453	330	679	0.184	ng		0.00
15) 2-Fluorobiphenyl	12.538	172	5479	0.279	ng		0.00
27) Fluoranthene-d10	18.757	212	11313	0.380	ng		0.00
31) Terphenyl-d14	19.388	244	8932	0.488	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.981	88	1540	0.528	ng	#	84
3) n-Nitrosodimethylamine	3.270	42	330	0.136	ng	#	78
6) bis(2-Chloroethyl)ether	6.723	93	2206	0.286	ng		98
9) Naphthalene	10.062	128	6003	0.272	ng		99
10) Hexachlorobutadiene	10.351	225	846	0.166	ng	#	98
12) 2-Methylnaphthalene	11.691	142	3950	0.250	ng		99
16) Acenaphthylene	13.636	152	6604	0.303	ng		100
17) Acenaphthene	13.988	154	4230	0.292	ng		98
18) Fluorene	14.993	166	5719	0.276	ng		100
20) 4,6-Dinitro-2-methylph...	15.122	198	103	0.100	ng	#	1
21) 4-Bromophenyl-phenylether	15.904	248	2167	0.353	ng	#	84
22) Hexachlorobenzene	16.003	284	2445	0.339	ng		96
23) Atrazine	16.202	200	1259	0.288	ng		94
24) Pentachlorophenol	16.375	266	273	0.087	ng	#	79
25) Phenanthrene	16.735	178	10260	0.356	ng		100
26) Anthracene	16.835	178	8925	0.342	ng		99
28) Fluoranthene	18.789	202	12930	0.332	ng		99
30) Pyrene	19.156	202	13495	0.394	ng		99
32) Benzo(a)anthracene	20.938	228	11302	0.348	ng		99
33) Chrysene	20.982	228	12637	0.378	ng		99
34) Bis(2-ethylhexyl)phtha...	20.902	149	6113	0.477	ng	#	97
36) Indeno(1,2,3-cd)pyrene	25.061	276	12412	0.335	ng		97
37) Benzo(b)fluoranthene	22.427	252	18573	0.536	ng		95
38) Benzo(k)fluoranthene	22.468	252	12887m	0.378	ng		
39) Benzo(a)pyrene	22.950	252	9310	0.326	ng	#	90
40) Dibenzo(a,h)anthracene	25.082	278	9663	0.331	ng		95
41) Benzo(g,h,i)perylene	25.675	276	9301	0.305	ng		99

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

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