Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082324\
Data File : BN033606.D
Acq On : 24 Aug 2024 01:43
Operator : MA/JU
Sample : P3707-03MSD
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
S-929-K1-SO-0-0.5-082024MSD

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 08/24/2024
Supervised By :mohammad ahmed 08/29/2024

Quant Time: Aug 24 02:21:01 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 23 00:22:18 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.545	152	7201	0.400	ng	0.00
7) Naphthalene-d8	10.304	136	18784	0.400	ng	0.00
13) Acenaphthene-d10	14.178	164	9051	0.400	ng	0.00
19) Phenanthrene-d10	16.929	188	18178	0.400	ng	0.00
29) Chrysene-d12	21.139	240	15806	0.400	ng	# 0.00
35) Perylene-d12	23.300	264	17553	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.183	112	3452	0.151	ng	0.00
5) Phenol-d6	6.736	99	4409	0.162	ng	0.00
8) Nitrobenzene-d5	8.681	82	3969	0.255	ng	0.00
11) 2-Methylnaphthalene-d10	11.899	152	7271m	0.271	ng	0.00
14) 2,4,6-Tribromophenol	15.676	330	846	0.174	ng	0.00
15) 2-Fluorobiphenyl	12.799	172	6062	0.164	ng	0.00
27) Fluoranthene-d10	18.970	212	5778	0.132	ng	0.00
31) Terphenyl-d14	19.583	244	3778	0.105	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.183	88	2497	0.301	ng	# 45
3) n-Nitrosodimethylamine	3.464	42	3113	0.323	ng	98
6) bis(2-Chloroethyl)ether	6.982	93	7329	0.380	ng	99
9) Naphthalene	10.357	128	20212	0.403	ng	99
10) Hexachlorobutadiene	10.645	225	3550	0.355	ng	# 100
12) 2-Methylnaphthalene	11.975	142	13087	0.412	ng	99
16) Acenaphthylene	13.889	152	16671	0.420	ng	100
17) Acenaphthene	14.242	154	10145	0.363	ng	98
18) Fluorene	15.236	166	12542	0.356	ng	99
20) 4,6-Dinitro-2-methylph...	15.322	198	472	0.166	ng	# 44
21) 4-Bromophenyl-phenylether	16.135	248	3842	0.348	ng	98
22) Hexachlorobenzene	16.247	284	4109	0.337	ng	99
23) Atrazine	16.420	200	3422	0.388	ng	# 93
24) Pentachlorophenol	16.582	266	3590	0.680	ng	99
25) Phenanthrene	16.966	178	37484	0.741	ng	99
26) Anthracene	17.066	178	20374	0.455	ng	99
28) Fluoranthene	18.998	202	73265	1.311	ng	100
30) Pyrene	19.365	202	68483	0.971	ng	97
32) Benzo(a)anthracene	21.121	228	44159	0.773	ng	98
33) Chrysene	21.175	228	50350	0.886	ng	98
34) Bis(2-ethylhexyl)phtha...	21.077	149	20244m	0.560	ng	
36) Indeno(1,2,3-cd)pyrene	25.449	276	47003	0.645	ng	95
37) Benzo(b)fluoranthene	22.660	252	62488	0.953	ng	98
38) Benzo(k)fluoranthene	22.700	252	39183	0.607	ng	96
39) Benzo(a)pyrene	23.206	252	48036	0.886	ng	94
40) Dibenzo(a,h)anthracene	25.466	278	25025	0.429	ng	98
41) Benzo(g,h,i)perylene	26.107	276	41417	0.665	ng	99

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

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