Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082024\
Data File : BN033541.D
Acq On : 21 Aug 2024 13:41
Operator : MA/JU
Sample : SP6606
Misc : 8270 SIM SPIKE
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SP6606

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/22/2024

Quant Time: Aug 21 14:11:24 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 19 23:32:18 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.552	152	8900	0.400	ng	0.00
7) Naphthalene-d8	10.314	136	22498	0.400	ng	# 0.00
13) Acenaphthene-d10	14.178	164	9785	0.400	ng	-0.01
19) Phenanthrene-d10	16.929	188	17239	0.400	ng	#-0.01
29) Chrysene-d12	21.139	240	14073	0.400	ng	0.00
35) Perylene-d12	23.312	264	17245	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	0.000	112	0d	0.000	ng	
5) Phenol-d6	0.000	99	0d	0.000	ng	
8) Nitrobenzene-d5	0.000	82	0d	0.000	ng	
11) 2-Methylnaphthalene-d10	0.000	152	0d	0.000	ng	
14) 2,4,6-Tribromophenol	0.000	330	0d	0.000	ng	
15) 2-Fluorobiphenyl	0.000	172	0d	0.000	ng	
27) Fluoranthene-d10	0.000	212	0d	0.000	ng	
31) Terphenyl-d14	0.000	244	0d	0.000	ng	
Target Compounds						Qvalue
2) 1,4-Dioxane	3.183	88	3681	0.359	ng	# 62
3) n-Nitrosodimethylamine	3.472	42	3973	0.334	ng	# 95
6) bis(2-Chloroethyl)ether	6.982	93	9319	0.391	ng	100
9) Naphthalene	10.357	128	21379	0.356	ng	100
10) Hexachlorobutadiene	10.656	225	4298	0.358	ng	# 100
12) 2-Methylnaphthalene	11.983	142	12938	0.340	ng	99
16) Acenaphthylene	13.900	152	15640	0.364	ng	100
17) Acenaphthene	14.242	154	10337	0.342	ng	97
18) Fluorene	15.236	166	12134	0.319	ng	100
20) 4,6-Dinitro-2-methylph...	15.322	198	441	0.164	ng	# 91
21) 4-Bromophenyl-phenylether	16.135	248	3750	0.358	ng	# 89
22) Hexachlorobenzene	16.247	284	4345	0.376	ng	98
23) Atrazine	16.421	200	2785	0.333	ng	# 91
24) Pentachlorophenol	16.594	266	3010	0.601	ng	98
25) Phenanthrene	16.979	178	17652	0.368	ng	100
26) Anthracene	17.066	178	15489	0.365	ng	100
28) Fluoranthene	19.003	202	18340	0.346	ng	100
30) Pyrene	19.365	202	19624	0.312	ng	100
32) Benzo(a)anthracene	21.130	228	19032	0.374	ng	99
33) Chrysene	21.175	228	19127	0.378	ng	98
34) Bis(2-ethylhexyl)phtha...	21.086	149	10391m	0.323	ng	
36) Indeno(1,2,3-cd)pyrene	25.464	276	27506	0.384	ng	100
37) Benzo(b)fluoranthene	22.666	252	21744	0.338	ng	96
38) Benzo(k)fluoranthene	22.709	252	21375	0.337	ng	99
39) Benzo(a)pyrene	23.218	252	20750	0.389	ng	99
40) Dibenzo(a,h)anthracene	25.478	278	21407	0.374	ng	98
41) Benzo(g,h,i)perylene	26.118	276	21541	0.352	ng	98

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

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