Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082224\
Data File : BN033551.D
Acq On : 22 Aug 2024 14:06
Operator : MA/JU
Sample : P3663-05MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
914-J-SD-0.5-1-081624MS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 08/23/2024
Supervised By :mohammad ahmed 08/24/2024

Quant Time: Aug 22 15:10:29 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	7.545	152	7249	0.400	ng	-0.01
7) Naphthalene-d8	10.304	136	18735	0.400	ng	-0.01
13) Acenaphthene-d10	14.178	164	9271	0.400	ng	-0.01
19) Phenanthrene-d10	16.929	188	19633	0.400	ng	#-0.01
29) Chrysene-d12	21.139	240	17227	0.400	ng	0.00
35) Perylene-d12	23.312	264	19817	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.183	112	4677	0.203	ng	0.00
5) Phenol-d6	6.729	99	5665	0.207	ng	-0.01
8) Nitrobenzene-d5	8.681	82	3741	0.241	ng	-0.01
11) 2-Methylnaphthalene-d10	11.903	152	9529m	0.356	ng	-0.01
14) 2,4,6-Tribromophenol	15.676	330	953	0.191	ng	-0.01
15) 2-Fluorobiphenyl	12.799	172	7081	0.187	ng	-0.01
27) Fluoranthene-d10	18.970	212	7828	0.166	ng	-0.01
31) Terphenyl-d14	19.588	244	5251	0.134	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.183	88	3127	0.375	ng	# 61
3) n-Nitrosodimethylamine	3.472	42	3750	0.387	ng	# 91
6) bis(2-Chloroethyl)ether	6.982	93	7402	0.381	ng	99
9) Naphthalene	10.357	128	18648	0.372	ng	100
10) Hexachlorobutadiene	10.656	225	3512	0.352	ng	# 99
12) 2-Methylnaphthalene	11.979	142	11866	0.374	ng	99
16) Acenaphthylene	13.900	152	16007	0.394	ng	99
17) Acenaphthene	14.242	154	10762	0.376	ng	99
18) Fluorene	15.236	166	14498	0.402	ng	91
20) 4,6-Dinitro-2-methylph...	15.311	198	1092	0.356	ng	# 1
21) 4-Bromophenyl-phenylether	16.135	248	4144	0.348	ng	# 94
22) Hexachlorobenzene	16.247	284	4456	0.339	ng	97
23) Atrazine	16.420	200	3496	0.367	ng	# 91
24) Pentachlorophenol	16.582	266	4165	0.730	ng	98
25) Phenanthrene	16.967	178	22852	0.418	ng	100
26) Anthracene	17.066	178	19467	0.403	ng	100
28) Fluoranthene	19.003	202	28017	0.464	ng	99
30) Pyrene	19.365	202	29050	0.378	ng	99
32) Benzo(a)anthracene	21.121	228	26100	0.419	ng	99
33) Chrysene	21.175	228	26632	0.430	ng	99
34) Bis(2-ethylhexyl)phtha...	21.086	149	16450m	0.417	ng	
36) Indeno(1,2,3-cd)pyrene	25.463	276	33961	0.413	ng	99
37) Benzo(b)fluoranthene	22.668	252	29540	0.399	ng	99
38) Benzo(k)fluoranthene	22.709	252	28021	0.385	ng	98
39) Benzo(a)pyrene	23.218	252	26982	0.441	ng	98
40) Dibenzo(a,h)anthracene	25.481	278	25496	0.388	ng	98
41) Benzo(g,h,i)perylene	26.115	276	26824	0.381	ng	98

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

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