Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080624\
Data File : BN033285.D
Acq On : 06 Aug 2024 22:16
Operator : MA/JU
Sample : P3468-01MS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
IDW-S1-01MS

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

Quant Time: Aug 07 02:05:47 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN080524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 05 23:57:48 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.495	152	1152	0.400	ng	-0.01
7) Naphthalene-d8	10.276	136	3984	0.400	ng	#-0.04
13) Acenaphthene-d10	14.111	164	2659	0.400	ng	-0.01
19) Phenanthrene-d10	16.902	188	6308	0.400	ng	-0.02
29) Chrysene-d12	21.104	240	7060	0.400	ng	-0.02
35) Perylene-d12	23.274	264	8607	0.400	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.242	112	1077m	0.377	ng	-0.05
5) Phenol-d6	6.910	99	1137	0.290	ng	-0.08
8) Nitrobenzene-d5	8.824	82	799	0.249	ng	-0.10
11) 2-Methylnaphthalene-d10	11.867	152	2079	0.352	ng	-0.06
14) 2,4,6-Tribromophenol	15.698	330	306	0.309	ng	-0.02
15) 2-Fluorobiphenyl	12.754	172	2271	0.250	ng	-0.05
27) Fluoranthene-d10	18.939	212	3859	0.219	ng	-0.01
31) Terphenyl-d14	19.538	244	2811	0.230	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.039	88	540	0.186	ng	# 36
3) n-Nitrosodimethylamine	3.393	42	1026	0.730	ng	# 69
6) bis(2-Chloroethyl)ether	7.004	93	2560m	0.775	ng	
9) Naphthalene	10.319	128	3761	0.347	ng	95
10) Hexachlorobutadiene	10.500	225	689	0.343	ng	# 97
12) 2-Methylnaphthalene	11.939	142	2257	0.350	ng	97
16) Acenaphthylene	13.855	152	3947	0.372	ng	99
17) Acenaphthene	14.176	154	2834	0.370	ng	99
18) Fluorene	15.202	166	3721	0.359	ng	99
20) 4,6-Dinitro-2-methylph...	15.537	198	204	0.419	ng	84
21) 4-Bromophenyl-phenylether	16.083	248	1215	0.363	ng	96
22) Hexachlorobenzene	16.195	284	1224	0.350	ng	99
23) Atrazine	16.381	200	1123	0.356	ng	96
24) Pentachlorophenol	16.629	266	89	0.076	ng	# 79
25) Phenanthrene	16.939	178	6530	0.385	ng	100
26) Anthracene	17.051	178	5189	0.365	ng	# 87
28) Fluoranthene	18.971	202	9504	0.408	ng	98
30) Pyrene	19.338	202	10132	0.411	ng	98
32) Benzo(a)anthracene	21.095	228	8310	0.409	ng	99
33) Chrysene	21.149	228	10537	0.386	ng	99
34) Bis(2-ethylhexyl)phtha...	21.006	149	1040	0.213	ng	# 87
36) Indeno(1,2,3-cd)pyrene	25.461	276	12979	0.334	ng	99
37) Benzo(b)fluoranthene	22.631	252	10312	0.395	ng	99
38) Benzo(k)fluoranthene	22.672	252	11713m	0.359	ng	
39) Benzo(a)pyrene	23.190	252	10161	0.388	ng	94
40) Dibenzo(a,h)anthracene	25.447	278	9895	0.322	ng	100
41) Benzo(g,h,i)perylene	26.137	276	10274	0.292	ng	98

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

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