Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080324\
Data File : BN033232.D
Acq On : 03 Aug 2024 11:00
Operator : MA/JU
Sample : P3440-02MS
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
923-K1-WS-080124MS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 08/05/2024
Supervised By :mohammad ahmed 08/07/2024

Quant Time: Aug 05 03:26:11 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN071124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 02 22:49:47 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.510	152	2735	0.400	ng	0.00
7) Naphthalene-d8	10.276	136	9491	0.400	ng	#-0.01
13) Acenaphthene-d10	14.126	164	5337	0.400	ng	-0.01
19) Phenanthrene-d10	16.895	188	10317	0.400	ng	#-0.02
29) Chrysene-d12	21.125	240	7725	0.400	ng	0.00
35) Perylene-d12	23.303	264	7969	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.264	112	1140m	0.165	ng	0.02
5) Phenol-d6	6.939	99	952m	0.111	ng	0.06
8) Nitrobenzene-d5	8.792	82	2013	0.282	ng	-0.02
11) 2-Methylnaphthalene-d10	11.871	152	4352	0.300	ng	-0.03
14) 2,4,6-Tribromophenol	15.679	330	648	0.284	ng	-0.04
15) 2-Fluorobiphenyl	12.758	172	5956	0.300	ng	-0.03
27) Fluoranthene-d10	18.946	212	8331	0.312	ng	-0.01
31) Terphenyl-d14	19.545	244	7556	0.477	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.083	88	600	0.177	ng	# 34
3) n-Nitrosodimethylamine	3.444	42	422	0.147	ng	# 98
6) bis(2-Chloroethyl)ether	7.019	93	2938	0.409	ng	# 44
9) Naphthalene	10.319	128	7347	0.280	ng	97
10) Hexachlorobutadiene	10.522	225	1237	0.246	ng	# 99
12) 2-Methylnaphthalene	11.946	142	4658	0.271	ng	94
16) Acenaphthylene	13.859	152	6998	0.322	ng	99
17) Acenaphthene	14.190	154	5323	0.346	ng	99
18) Fluorene	15.195	166	7309	0.355	ng	100
21) 4-Bromophenyl-phenylether	16.088	248	1730	0.285	ng	94
22) Hexachlorobenzene	16.200	284	1910	0.281	ng	# 89
23) Atrazine	16.386	200	1842	0.413	ng	98
24) Pentachlorophenol	16.597	266	1554	0.616	ng	96
25) Phenanthrene	16.945	178	15316	0.543	ng	99
26) Anthracene	17.044	178	8127	0.350	ng	98
28) Fluoranthene	18.978	202	15468	0.453	ng	99
30) Pyrene	19.345	202	14923	0.473	ng	99
32) Benzo(a)anthracene	21.107	228	9257m	0.379	ng	
33) Chrysene	21.160	228	10368	0.357	ng	97
34) Bis(2-ethylhexyl)phtha...	21.008	149	3601	0.266	ng	# 83
36) Indeno(1,2,3-cd)pyrene	25.504	276	10811	0.344	ng	98
37) Benzo(b)fluoranthene	22.654	252	9073	0.327	ng	96
38) Benzo(k)fluoranthene	22.698	252	9577	0.302	ng	95
39) Benzo(a)pyrene	23.218	252	8728	0.349	ng	92
40) Dibenzo(a,h)anthracene	25.493	278	8118	0.327	ng	96
41) Benzo(g,h,i)perylene	26.177	276	9089	0.331	ng	95

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

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