Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110223\
Data File : BN028439.D
Acq On : 03 Nov 2023 01:45
Operator : MA/JU
Sample : 05040-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
M-4(50FT)(0-5)

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023

Quant Time: Nov 03 02:26:05 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN110123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 02 06:26:50 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.731	152	12479	0.400	ng	# 0.00
7) Naphthalene-d8	10.519	136	39743	0.400	ng	# 0.00
13) Acenaphthene-d10	14.374	164	39991	0.400	ng	0.01
19) Phenanthrene-d10	17.121	188	41833	0.400	ng	# 0.00
29) Chrysene-d12	21.346	240	24200	0.400	ng	# 0.02
35) Perylene-d12	23.663	264	44044	0.400	ng	# 0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.312	112	7949	0.244	ng	0.01
5) Phenol-d6	6.901	99	8294	0.201	ng	0.01
8) Nitrobenzene-d5	8.875	82	5881	0.229	ng	0.00
11) 2-Methylnaphthalene-d10	12.117	152	11199	0.197	ng	0.00
14) 2,4,6-Tribromophenol	15.867	330	2175	0.140	ng	0.01
15) 2-Fluorobiphenyl	13.006	172	9612	0.202	ng	0.00
27) Fluoranthene-d10	19.180	212	24886	0.241	ng	0.02
31) Terphenyl-d14	19.775	244	24777	0.486	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.203	88	583	0.042	ng	# 40
6) bis(2-Chloroethyl)ether	7.161	93	6337	0.177	ng	# 91
9) Naphthalene	10.573	128	2241765	20.899	ng	100
10) Hexachlorobutadiene	10.861	225	1754	0.098	ng	# 97
12) 2-Methylnaphthalene	12.193	142	600119	8.028	ng	99
16) Acenaphthylene	14.096	152	4850183	24.555	ng	99
17) Acenaphthene	14.438	154	1229025	9.814	ng	98
18) Fluorene	15.432	166	1677914	9.845	ng	93
24) Pentachlorophenol	16.786	266	3383	0.384	ng	# 89
25) Phenanthrene	17.170	178	8885007	71.900	ng	98
26) Anthracene	17.257	178	5635619	47.761	ng	99
28) Fluoranthene	19.217	202	12052445	83.557	ng	97
30) Pyrene	19.579	202	14338953	142.056	ng	# 90
32) Benzo(a)anthracene	21.328	228	7650513	79.662	ng	# 86
33) Chrysene	21.382	228	6535065	68.312	ng	# 95
34) Bis(2-ethylhexyl)phtha...	21.274	149	162970	3.282	ng	# 88
36) Indeno(1,2,3-cd)pyrene	26.078	276	4999897	28.813	ng	# 91
37) Benzo(b)fluoranthene	22.973	252	8046620	46.937	ng	98
38) Benzo(k)fluoranthene	23.014	252	2926520m	16.971	ng	
39) Benzo(a)pyrene	23.575	252	7354513	49.040	ng	96
40) Dibenzo(a,h)anthracene	26.084	278	1298794	9.222	ng	95
41) Benzo(g,h,i)perylene	26.818	276	5478193	36.320	ng	95

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

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Manual Integrations APPROVED

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