Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110223\
Data File : BN028449.D
Acq On : 03 Nov 2023 08:20
Operator : MA/JU
Sample : 05220-07
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
L-2(125FT)(0-5)

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

Quant Time: Nov 03 08:47:49 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	7.732	152	8915	0.400	ng	# 0.00
7) Naphthalene-d8	10.530	136	29212	0.400	ng	# 0.02
13) Acenaphthene-d10	14.364	164	66688	0.400	ng	# 0.00
19) Phenanthrene-d10	17.133	188	33570	0.400	ng	# 0.01
29) Chrysene-d12	21.355	240	17716m	0.400	ng	0.03
35) Perylene-d12	23.675	264	36712	0.400	ng	# 0.03
System Monitoring Compounds						
4) 2-Fluorophenol	5.312	112	6976	0.300	ng	0.01
5) Phenol-d6	6.908	99	7776	0.264	ng	0.02
8) Nitrobenzene-d5	8.886	82	7895	0.418	ng	0.00
11) 2-Methylnaphthalene-d10	12.125	152	10878	0.260	ng	0.01
14) 2,4,6-Tribromophenol	15.880	330	2082	0.080	ng	0.03
15) 2-Fluorobiphenyl	13.006	172	12167	0.154	ng	0.00
27) Fluoranthene-d10	19.143	212	163374	1.969	ng	-0.01
31) Terphenyl-d14	19.779	244	27172	0.728	ng	0.01
Target Compounds						Qvalue
9) Naphthalene	10.573	128	1786602	22.660	ng	99
12) 2-Methylnaphthalene	12.197	142	433761	7.895	ng	97
16) Acenaphthylene	14.107	152	6606122	20.056	ng	# 94
17) Acenaphthene	14.449	154	2358765	11.295	ng	97
18) Fluorene	15.443	166	5983021	21.051	ng	# 95
25) Phenanthrene	17.196	178	20154204m	203.238	ng	
26) Anthracene	17.270	178	7770959	82.068	ng	99
28) Fluoranthene	19.222	202	11684128	100.942	ng	96
30) Pyrene	19.589	202	16730710	226.416	ng	# 89
32) Benzo(a)anthracene	21.337	228	8123661	115.548	ng	# 84
33) Chrysene	21.391	228	7694446	109.869	ng	# 92
34) Bis(2-ethylhexyl)phtha...	21.275	149	27872	0.767	ng	# 54
36) Indeno(1,2,3-cd)pyrene	26.108	276	3567633	24.672	ng	# 91
37) Benzo(b)fluoranthene	22.991	252	6506342	45.534	ng	97
38) Benzo(k)fluoranthene	23.029	252	2325536m	16.179	ng	
39) Benzo(a)pyrene	23.596	252	7330828	58.644	ng	96
40) Dibenzo(a,h)anthracene	26.113	278	1206352	10.276	ng	# 91
41) Benzo(g,h,i)perylene	26.853	276	3994152	31.770	ng	95

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

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