Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110223\
Data File : BN028436.D
Acq On : 02 Nov 2023 23:59
Operator : MA/JU
Sample : 05005-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Nov 03 01:51:35 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

Instrument :
BNA_N
ClientSampleId :
N-1(0-5)

Manual Integrations APPROVED

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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.724	152	13846	0.400	ng	0.00
7) Naphthalene-d8	10.509	136	42882	0.400	ng	# 0.00
13) Acenaphthene-d10	14.363	164	27689	0.400	ng	0.00
19) Phenanthrene-d10	17.121	188	45355	0.400	ng	# 0.00
29) Chrysene-d12	21.328	240	34741	0.400	ng	# 0.00
35) Perylene-d12	23.637	264	32655	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.305	112	6192	0.171	ng	0.00
5) Phenol-d6	6.894	99	8025	0.175	ng	0.00
8) Nitrobenzene-d5	8.875	82	5817	0.210	ng	0.00
11) 2-Methylnaphthalene-d10	12.110	152	11404	0.186	ng	0.00
14) 2,4,6-Tribromophenol	15.855	330	1257	0.116	ng	0.00
15) 2-Fluorobiphenyl	13.005	172	4076	0.124	ng	0.00
27) Fluoranthene-d10	19.161	212	19081	0.170	ng	0.00
31) Terphenyl-d14	19.770	244	17100	0.234	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.203	88	1664	0.109	ng	# 79
6) bis(2-Chloroethyl)ether	7.154	93	4444	0.112	ng	# 91
9) Naphthalene	10.562	128	233609	2.018	ng	100
10) Hexachlorobutadiene	10.861	225	1740	0.090	ng	# 99
12) 2-Methylnaphthalene	12.181	142	106107	1.316	ng	97
16) Acenaphthylene	14.085	152	934646	6.834	ng	99
17) Acenaphthene	14.427	154	186411	2.150	ng	98
18) Fluorene	15.422	166	87648	0.743	ng	# 74
25) Phenanthrene	17.158	178	998780m	7.455	ng	
26) Anthracene	17.245	178	605219	4.731	ng	98
28) Fluoranthene	19.194	202	2000753	12.794	ng	98
30) Pyrene	19.556	202	2787550	19.237	ng	# 95
32) Benzo(a)anthracene	21.310	228	1065010	7.725	ng	# 88
33) Chrysene	21.364	228	1196516m	8.712	ng	
34) Bis(2-ethylhexyl)phtha...	21.265	149	26221	0.368	ng	# 73
36) Indeno(1,2,3-cd)pyrene	26.011	276	736154	5.760	ng	# 93
37) Benzo(b)fluoranthene	22.941	252	1274913	10.083	ng	97
38) Benzo(k)fluoranthene	22.982	252	423718m	3.314	ng	
39) Benzo(a)pyrene	23.537	252	1069188	9.616	ng	98
40) Dibenzo(a,h)anthracene	26.028	278	199421	1.910	ng	# 83
41) Benzo(g,h,i)perylene	26.745	276	838136	7.495	ng	96

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

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