Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100923\
Data File : BN028188.D
Acq On : 10 Oct 2023 08:38
Operator : MA/JU
Sample : 04622-01MS
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
I-1(0-5)MS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 10/11/2023
Supervised By :mohammad ahmed 10/11/2023

Quant Time: Oct 10 10:47:16 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN100223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 10 00:42:22 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.922	152	4703	0.400	ng	# 0.00
7) Naphthalene-d8	10.735	136	14242	0.400	ng	# 0.00
13) Acenaphthene-d10	14.555	164	7430m	0.400	ng	-0.01
19) Phenanthrene-d10	17.319	188	14752	0.400	ng	# 0.00
29) Chrysene-d12	21.516	240	15266m	0.400	ng	0.00
35) Perylene-d12	23.978	264	22731m	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.459	112	6019	0.429	ng	0.00
5) Phenol-d6	7.077	99	5259	0.297	ng	-0.01
8) Nitrobenzene-d5	9.113	82	4637	0.383	ng	-0.01
11) 2-Methylnaphthalene-d10	12.317	152	6525	0.309	ng	0.00
14) 2,4,6-Tribromophenol	16.065	330	1046	0.307	ng	-0.01
15) 2-Fluorobiphenyl	13.187	172	9686	0.362	ng	0.00
27) Fluoranthene-d10	19.365	212	11583	0.313	ng	0.00
31) Terphenyl-d14	19.937	244	14931	0.419	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.350	88	2291	0.434	ng	# 61
3) n-Nitrosodimethylamine	3.704	42	2988	0.494	ng	# 54
6) bis(2-Chloroethyl)ether	7.358	93	6541	0.459	ng	88
9) Naphthalene	10.799	128	13187569	358.372	ng	99
10) Hexachlorobutadiene	11.002	225	2399	0.367	ng	# 100
12) 2-Methylnaphthalene	12.393	142	1974782	76.714	ng	97
16) Acenaphthylene	14.288	152	1267325	38.504	ng	99
17) Acenaphthene	14.619	154	304743	14.524	ng	98
18) Fluorene	15.606	166	2637777	96.798	ng	100
20) 4,6-Dinitro-2-methylph...	16.773	198	1412	7.201	ng	# 14
21) 4-Bromophenyl-phenylether	16.500	248	2946	0.383	ng	# 2
22) Hexachlorobenzene	16.586	284	3103	0.385	ng	# 28
23) Atrazine	16.773	200	2300	0.342	ng	# 38
24) Pentachlorophenol	16.959	266	13150	3.460	ng	95
25) Phenanthrene	17.368	178	10553162	265.348	ng	99
26) Anthracene	17.455	178	3522149	93.695	ng	# 95
28) Fluoranthene	19.402	202	8321083	181.292	ng	97
30) Pyrene	19.760	202	7274220	129.946	ng	97
32) Benzo(a)anthracene	21.498	228	4014336	77.277	ng	98
33) Chrysene	21.551	228	3304097	66.000	ng	96
34) Bis(2-ethylhexyl)phtha...	21.372	149	17283	0.506	ng	91
36) Indeno(1,2,3-cd)pyrene	26.566	276	1794702	23.473	ng	98
37) Benzo(b)fluoranthene	23.221	252	3637170	49.544	ng	# 89
38) Benzo(k)fluoranthene	23.268	252	1553297m	20.860	ng	
39) Benzo(a)pyrene	23.870	252	3076683m	44.321	ng	
40) Dibenzo(a,h)anthracene	26.574	278	541837	8.663	ng	93
41) Benzo(g,h,i)perylene	27.378	276	1676075	26.107	ng	94

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

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