Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101023\
Data File : BN028207.D
Acq On : 10 Oct 2023 21:05
Operator : MA/JU
Sample : 04693-04MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
S-3(0-5)MS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 10/11/2023
Supervised By :mohammad ahmed 10/12/2023

Quant Time: Oct 11 02:34:27 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	3875	0.400	ng	0.00
7) Naphthalene-d8	10.735	136	12130	0.400	ng	0.00
13) Acenaphthene-d10	14.566	164	7284	0.400	ng	0.00
19) Phenanthrene-d10	17.319	188	12957	0.400	ng	0.00
29) Chrysene-d12	21.515	240	16130	0.400	ng	# 0.00
35) Perylene-d12	23.981	264	16798	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.466	112	3556	0.308	ng	0.00
5) Phenol-d6	7.084	99	4218	0.289	ng	0.00
8) Nitrobenzene-d5	9.123	82	3151	0.305	ng	0.00
11) 2-Methylnaphthalene-d10	12.317	152	8522m	0.474	ng	0.00
14) 2,4,6-Tribromophenol	16.065	330	977	0.293	ng	-0.01
15) 2-Fluorobiphenyl	13.186	172	7106	0.271	ng	0.00
27) Fluoranthene-d10	19.356	212	9238	0.284	ng	0.00
31) Terphenyl-d14	19.941	244	9753	0.259	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.350	88	1666	0.383	ng	# 70
3) n-Nitrosodimethylamine	3.704	42	2014	0.404	ng	96
6) bis(2-Chloroethyl)ether	7.358	93	4768	0.406	ng	99
9) Naphthalene	10.789	128	204398	6.522	ng	98
10) Hexachlorobutadiene	11.002	225	2212	0.397	ng	# 100
12) 2-Methylnaphthalene	12.392	142	172133	7.851	ng	99
16) Acenaphthylene	14.288	152	459727	14.247	ng	99
17) Acenaphthene	14.630	154	58729	2.855	ng	96
18) Fluorene	15.606	166	219481	8.216	ng	# 94
20) 4,6-Dinitro-2-methylph...	16.772	198	1152	6.689	ng	# 15
21) 4-Bromophenyl-phenylether	16.499	248	2743	0.406	ng	# 88
22) Hexachlorobenzene	16.586	284	3022	0.426	ng	# 84
23) Atrazine	16.772	200	2561	0.434	ng	# 85
24) Pentachlorophenol	16.959	266	13161	3.942	ng	94
25) Phenanthrene	17.368	178	1735956	49.696	ng	99
26) Anthracene	17.455	178	520821	15.774	ng	# 92
28) Fluoranthene	19.388	202	1367692	33.926	ng	99
30) Pyrene	19.755	202	1918243	32.432	ng	98
32) Benzo(a)anthracene	21.497	228	903106	16.454	ng	98
33) Chrysene	21.551	228	794628	15.023	ng	97
34) Bis(2-ethylhexyl)phtha...	21.372	149	13655	0.378	ng	# 84
36) Indeno(1,2,3-cd)pyrene	26.574	276	410018	7.257	ng	98
37) Benzo(b)fluoranthene	23.221	252	764975	14.100	ng	# 89
38) Benzo(k)fluoranthene	23.262	252	298358m	5.422	ng	
39) Benzo(a)pyrene	23.873	252	741144m	14.448	ng	
40) Dibenzo(a,h)anthracene	26.580	278	136135	2.945	ng	98
41) Benzo(g,h,i)perylene	27.387	276	433713	9.142	ng	95

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

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