Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101024\
Data File : BN034533.D
Acq On : 10 Oct 2024 22:19
Operator : RC/JU
Sample : PB163828BSD
Misc :
ALS Vial : 109 Sample Multiplier: 1

Quant Time: Oct 11 00:23:42 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 11 00:21:08 2024
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
PB163828BSD

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 10/11/2024
Supervised By :mohammad ahmed 10/14/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.373	152	5729	0.400	ng		0.00
7) Naphthalene-d8	10.127	136	16345	0.400	ng		0.00
13) Acenaphthene-d10	14.015	164	6026	0.400	ng		0.00
19) Phenanthrene-d10	16.778	188	14532	0.400	ng	#	0.00
29) Chrysene-d12	21.006	240	4039	0.400	ng		0.00
35) Perylene-d12	23.117	264	352	0.400	ng	#	0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.026	112	5262	0.324	ng		0.01
5) Phenol-d6	6.586	99	4508	0.238	ng		0.01
8) Nitrobenzene-d5	8.515	82	4018	0.321	ng		0.00
11) 2-Methylnaphthalene-d10	11.727	152	8534	0.354	ng		0.00
14) 2,4,6-Tribromophenol	15.537	330	1273	0.466	ng		0.00
15) 2-Fluorobiphenyl	12.636	172	11806	0.482	ng		0.00
27) Fluoranthene-d10	18.827	212	9246	0.252	ng		0.00
31) Terphenyl-d14	19.450	244	8541	1.059	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.032	88	7220	1.008	ng	#	91
3) n-Nitrosodimethylamine	3.328	42	2101	0.258	ng	#	85
6) bis(2-Chloroethyl)ether	6.824	93	5468	0.327	ng		92
9) Naphthalene	10.169	128	16001	0.357	ng		100
10) Hexachlorobutadiene	10.458	225	3409	0.403	ng	#	98
12) 2-Methylnaphthalene	11.803	142	10280	0.352	ng		98
16) Acenaphthylene	13.737	152	7213	0.280	ng		99
17) Acenaphthene	14.079	154	6905	0.373	ng		99
18) Fluorene	15.084	166	10804	0.445	ng		100
21) 4-Bromophenyl-phenylether	15.984	248	3224	0.395	ng	#	76
22) Hexachlorobenzene	16.095	284	4594	0.502	ng	#	89
24) Pentachlorophenol	16.443	266	2996	0.989	ng		94
25) Phenanthrene	16.828	178	15913	0.381	ng		100
26) Anthracene	16.915	178	10019	0.294	ng		99
28) Fluoranthene	18.860	202	11975	0.248	ng		99
30) Pyrene	19.222	202	5001	0.293	ng		100
32) Benzo(a)anthracene	21.006	228	819m	0.064	ng		
33) Chrysene	21.042	228	8335m	0.547	ng		
36) Indeno(1,2,3-cd)pyrene	25.175	276	3927	2.604	ng		98
37) Benzo(b)fluoranthene	22.494	252	5737	4.161	ng	#	80
38) Benzo(k)fluoranthene	22.538	252	4098	2.831	ng	#	71
39) Benzo(a)pyrene	23.032	252	1937	1.723	ng	#	31
40) Dibenzo(a,h)anthracene	25.192	278	5432	4.636	ng	#	87
41) Benzo(g,h,i)perylene	25.798	276	3994	3.035	ng	#	91

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

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