Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101024\
Data File : BN034521.D
Acq On : 10 Oct 2024 15:07
Operator : RC/JU
Sample : P4263-03MSD
Misc :
ALS Vial : 97 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RE115D1-20240930MSD

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

Quant Time: Oct 10 15:50:08 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 26 14:44:02 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.373	152	4592	0.400	ng		-0.02
7) Naphthalene-d8	10.127	136	12539	0.400	ng		-0.02
13) Acenaphthene-d10	14.015	164	6820	0.400	ng		-0.03
19) Phenanthrene-d10	16.778	188	12642	0.400	ng		#-0.02
29) Chrysene-d12	21.006	240	8052	0.400	ng		0.00
35) Perylene-d12	23.114	264	12411	0.400	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.018	112	2618	0.201	ng		-0.01
5) Phenol-d6	6.578	99	1560	0.103	ng		-0.02
8) Nitrobenzene-d5	8.515	82	3017	0.315	ng		-0.02
11) 2-Methylnaphthalene-d10	11.727	152	7142	0.386	ng		-0.03
14) 2,4,6-Tribromophenol	15.537	330	1005	0.325	ng		-0.01
15) 2-Fluorobiphenyl	12.636	172	8765	0.316	ng		-0.02
27) Fluoranthene-d10	18.827	212	13719	0.430	ng		-0.02
31) Terphenyl-d14	19.450	244	9728	0.605	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.025	88	25011	4.357	ng		99
3) n-Nitrosodimethylamine	3.328	42	789	0.121	ng	#	77
6) bis(2-Chloroethyl)ether	6.817	93	5340	0.398	ng		92
9) Naphthalene	10.169	128	14233	0.414	ng		99
10) Hexachlorobutadiene	10.468	225	2396	0.370	ng	#	98
12) 2-Methylnaphthalene	11.803	142	9112	0.407	ng		98
16) Acenaphthylene	13.737	152	12443	0.426	ng		100
17) Acenaphthene	14.079	154	8819	0.421	ng		98
18) Fluorene	15.084	166	10808	0.393	ng		100
20) 4,6-Dinitro-2-methylph...	16.282	198	73	0.169	ng	#	1
21) 4-Bromophenyl-phenylether	15.984	248	3052	0.429	ng	#	80
22) Hexachlorobenzene	16.095	284	3796	0.476	ng	#	88
23) Atrazine	16.282	200	2399	0.407	ng		96
24) Pentachlorophenol	16.455	266	1381	0.524	ng		98
25) Phenanthrene	16.828	178	17271	0.476	ng		100
26) Anthracene	16.915	178	14222	0.480	ng		99
28) Fluoranthene	18.855	202	20219	0.481	ng		100
30) Pyrene	19.222	202	21794	0.641	ng		100
32) Benzo(a)anthracene	21.006	228	1830m	0.072	ng		
33) Chrysene	21.042	228	21273m	0.700	ng		
36) Indeno(1,2,3-cd)pyrene	25.172	276	26882	0.505	ng		96
37) Benzo(b)fluoranthene	22.494	252	20436	0.420	ng		97
38) Benzo(k)fluoranthene	22.535	252	23371	0.458	ng	#	94
39) Benzo(a)pyrene	23.023	252	19428	0.490	ng		95
40) Dibenzo(a,h)anthracene	25.186	278	20855	0.505	ng		98
41) Benzo(g,h,i)perylene	25.795	276	21563	0.465	ng		97

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

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