Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122324\
Data File : BN035784.D
Acq On : 23 Dec 2024 15:05
Operator : RC/JU
Sample : P5317-20MSD 2X
Misc :
ALS Vial : 66 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RE132D5-20241217MSD

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 12/24/2024
Supervised By :mohammad ahmed 12/26/2024

Quant Time: Dec 23 16:18:41 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 19 23:06:19 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.264	152	3322	0.400	ng		0.00
7) Naphthalene-d8	10.009	136	9005	0.400	ng		#-0.01
13) Acenaphthene-d10	13.924	164	5678	0.400	ng		-0.01
19) Phenanthrene-d10	16.698	188	11083	0.400	ng		# 0.00
29) Chrysene-d12	20.947	240	7248	0.400	ng		# 0.00
35) Perylene-d12	23.032	264	5290	0.400	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	4.931	112	552	0.066	ng		0.00
5) Phenol-d6	6.477	99	370	0.037	ng		-0.01
8) Nitrobenzene-d5	8.408	82	1162m	0.211	ng		0.00
11) 2-Methylnaphthalene-d10	11.610	152	3453	0.245	ng		-0.01
14) 2,4,6-Tribromophenol	15.442	330	453	0.112	ng		-0.01
15) 2-Fluorobiphenyl	12.528	172	4012	0.187	ng		-0.02
27) Fluoranthene-d10	18.752	212	5968	0.190	ng		0.00
31) Terphenyl-d14	19.379	244	4798	0.336	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.974	88	10303	3.244	ng		99
3) n-Nitrosodimethylamine	3.278	42	301	0.114	ng	#	93
6) bis(2-Chloroethyl)ether	6.715	93	1546	0.184	ng		94
9) Naphthalene	10.052	128	4327	0.182	ng		97
10) Hexachlorobutadiene	10.351	225	946	0.173	ng	#	99
12) 2-Methylnaphthalene	11.686	142	2929	0.172	ng		98
16) Acenaphthylene	13.636	152	3706	0.155	ng		98
17) Acenaphthene	13.989	154	2885	0.182	ng		99
18) Fluorene	14.993	166	3825	0.169	ng		99
20) 4,6-Dinitro-2-methylph...	15.111	198	207	0.190	ng	#	1
21) 4-Bromophenyl-phenylether	15.904	248	1315	0.203	ng	#	95
22) Hexachlorobenzene	16.003	284	1833	0.241	ng		97
23) Atrazine	16.202	200	197	0.043	ng	#	64
24) Pentachlorophenol	16.363	266	1206	0.364	ng		87
25) Phenanthrene	16.735	178	6242	0.205	ng		100
26) Anthracene	16.835	178	4640	0.169	ng		99
28) Fluoranthene	18.780	202	6725	0.164	ng		99
30) Pyrene	19.147	202	6517	0.244	ng		98
32) Benzo(a)anthracene	20.929	228	4652	0.183	ng		98
33) Chrysene	20.982	228	6153	0.235	ng		99
34) Bis(2-ethylhexyl)phtha...	20.902	149	3497	0.349	ng		98
36) Indeno(1,2,3-cd)pyrene	25.061	276	4156	0.201	ng		97
37) Benzo(b)fluoranthene	22.424	252	6469	0.334	ng	#	81
38) Benzo(k)fluoranthene	22.465	252	5589	0.293	ng	#	75
39) Benzo(a)pyrene	22.947	252	3223	0.202	ng	#	52
40) Dibenzo(a,h)anthracene	25.082	278	3590	0.220	ng	#	77
41) Benzo(g,h,i)perylene	25.666	276	3183	0.187	ng	#	90

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

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