Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122324\
Data File : BN035783.D
Acq On : 23 Dec 2024 14:30
Operator : RC/JU
Sample : P5317-19MS 2X
Misc :
ALS Vial : 65 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RE132D5-20241217MS

Manual Integrations APPROVED

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

Quant Time: Dec 23 15:11:20 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	2865	0.400	ng		0.00
7) Naphthalene-d8	10.009	136	7204	0.400	ng		#-0.01
13) Acenaphthene-d10	13.924	164	4339	0.400	ng		-0.01
19) Phenanthrene-d10	16.698	188	8809	0.400	ng		# 0.00
29) Chrysene-d12	20.947	240	7064	0.400	ng		0.00
35) Perylene-d12	23.032	264	6166	0.400	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	4.932	112	440	0.061	ng		0.00
5) Phenol-d6	6.484	99	306	0.035	ng		0.00
8) Nitrobenzene-d5	8.408	82	874m	0.199	ng		0.00
11) 2-Methylnaphthalene-d10	11.611	152	2617	0.232	ng		-0.01
14) 2,4,6-Tribromophenol	15.453	330	327	0.106	ng		0.00
15) 2-Fluorobiphenyl	12.533	172	3017	0.184	ng		-0.01
27) Fluoranthene-d10	18.752	212	4937	0.198	ng		0.00
31) Terphenyl-d14	19.379	244	4114	0.295	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.974	88	9466	3.456	ng		99
3) n-Nitrosodimethylamine	3.278	42	185	0.081	ng	#	55
6) bis(2-Chloroethyl)ether	6.723	93	1250	0.173	ng		93
9) Naphthalene	10.052	128	3430	0.181	ng	#	94
10) Hexachlorobutadiene	10.351	225	782	0.178	ng	#	99
12) 2-Methylnaphthalene	11.687	142	2249	0.165	ng		97
16) Acenaphthylene	13.636	152	3123	0.171	ng		100
17) Acenaphthene	13.989	154	2239	0.185	ng		99
18) Fluorene	14.994	166	2926	0.169	ng		99
20) 4,6-Dinitro-2-methylph...	15.122	198	122	0.141	ng	#	1
21) 4-Bromophenyl-phenylether	15.904	248	955	0.185	ng	#	91
22) Hexachlorobenzene	16.003	284	1369	0.226	ng		97
23) Atrazine	16.202	200	169	0.046	ng	#	66
24) Pentachlorophenol	16.363	266	938	0.356	ng		87
25) Phenanthrene	16.736	178	4841	0.200	ng		99
26) Anthracene	16.835	178	3932	0.180	ng		100
28) Fluoranthene	18.780	202	5744	0.176	ng		99
30) Pyrene	19.147	202	5893	0.226	ng		99
32) Benzo(a)anthracene	20.929	228	4478	0.181	ng		98
33) Chrysene	20.983	228	5950	0.234	ng		98
34) Bis(2-ethylhexyl)phtha...	20.902	149	2706	0.277	ng	#	99
36) Indeno(1,2,3-cd)pyrene	25.061	276	4224	0.175	ng		97
37) Benzo(b)fluoranthene	22.421	252	6222	0.276	ng	#	81
38) Benzo(k)fluoranthene	22.462	252	5429	0.245	ng	#	79
39) Benzo(a)pyrene	22.945	252	3315	0.178	ng	#	60
40) Dibenzo(a,h)anthracene	25.079	278	3298	0.173	ng	#	73
41) Benzo(g,h,i)perylene	25.672	276	3257	0.164	ng	#	91

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

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