Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121924\
Data File : BN035738.D
Acq On : 20 Dec 2024 12:53
Operator : RC/JU
Sample : P5261-14MSD
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RE125D1-20241210MSD

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

Quant Time: Dec 20 14:16:01 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	7.272	152	3265	0.400	ng		0.00
7) Naphthalene-d8	10.009	136	9048	0.400	ng		-0.01
13) Acenaphthene-d10	13.925	164	5785	0.400	ng		-0.01
19) Phenanthrene-d10	16.698	188	11929	0.400	ng		# 0.00
29) Chrysene-d12	20.947	240	10838	0.400	ng		# 0.00
35) Perylene-d12	23.038	264	10844	0.400	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	4.939	112	965	0.118	ng		0.00
5) Phenol-d6	6.484	99	622	0.063	ng		0.00
8) Nitrobenzene-d5	8.408	82	2319m	0.420	ng		0.00
11) 2-Methylnaphthalene-d10	11.616	152	5529	0.390	ng		0.00
14) 2,4,6-Tribromophenol	15.453	330	891	0.217	ng		0.00
15) 2-Fluorobiphenyl	12.534	172	7466	0.341	ng		-0.01
27) Fluoranthene-d10	18.757	212	14112	0.417	ng		0.00
31) Terphenyl-d14	19.389	244	12561	0.588	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.982	88	16269	5.212	ng		98
3) n-Nitrosodimethylamine	3.278	42	392	0.151	ng	#	94
6) bis(2-Chloroethyl)ether	6.723	93	2782	0.337	ng		98
9) Naphthalene	10.063	128	7939	0.333	ng		100
10) Hexachlorobutadiene	10.351	225	1767	0.321	ng	#	99
12) 2-Methylnaphthalene	11.692	142	5459	0.320	ng		99
16) Acenaphthylene	13.636	152	8595	0.354	ng		99
17) Acenaphthene	13.989	154	5666	0.351	ng		97
18) Fluorene	14.994	166	7419	0.321	ng		100
20) 4,6-Dinitro-2-methylph...	15.111	198	201	0.171	ng	#	1
21) 4-Bromophenyl-phenylether	15.904	248	2391	0.343	ng	#	82
22) Hexachlorobenzene	16.003	284	3241	0.396	ng		96
23) Atrazine	16.202	200	2057	0.414	ng		96
24) Pentachlorophenol	16.363	266	2674	0.750	ng	#	86
25) Phenanthrene	16.736	178	12435	0.380	ng		99
26) Anthracene	16.835	178	11234	0.379	ng		99
28) Fluoranthene	18.789	202	15609	0.353	ng		100
30) Pyrene	19.156	202	16643	0.416	ng		99
32) Benzo(a)anthracene	20.938	228	14262	0.376	ng		99
33) Chrysene	20.983	228	15526	0.397	ng		99
34) Bis(2-ethylhexyl)phtha...	20.902	149	13398	0.895	ng		98
36) Indeno(1,2,3-cd)pyrene	25.064	276	16365	0.386	ng		97
37) Benzo(b)fluoranthene	22.427	252	26576	0.670	ng		98
38) Benzo(k)fluoranthene	22.468	252	15174	0.389	ng		97
39) Benzo(a)pyrene	22.950	252	13047	0.399	ng		95
40) Dibenzo(a,h)anthracene	25.085	278	12476	0.373	ng		97
41) Benzo(g,h,i)perylene	25.675	276	13349	0.382	ng		98

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

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Manual Integrations APPROVED

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Supervised By :mohammad ahmed 12/24/2024