Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122624\
Data File : BN035852.D
Acq On : 26 Dec 2024 14:19
Operator : RC/JU
Sample : PB165828BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Dec 27 00:41:16 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

Instrument :
BNA_N
ClientSampleId :
PB165828BS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/30/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.257	152	4431	0.400	ng		-0.01
7) Naphthalene-d8	9.998	136	10905	0.400	ng		#-0.02
13) Acenaphthene-d10	13.914	164	6427	0.400	ng		-0.02
19) Phenanthrene-d10	16.686	188	13001	0.400	ng		#-0.01
29) Chrysene-d12	20.938	240	9257	0.400	ng		#-0.02
35) Perylene-d12	23.023	264	9148	0.400	ng		#-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	4.924	112	3645	0.329	ng		-0.01
5) Phenol-d6	6.470	99	4024	0.302	ng		-0.02
8) Nitrobenzene-d5	8.397	82	3243m	0.487	ng		-0.01
11) 2-Methylnaphthalene-d10	11.600	152	7947	0.466	ng		-0.02
14) 2,4,6-Tribromophenol	15.442	330	913	0.200	ng		-0.01
15) 2-Fluorobiphenyl	12.523	172	9578	0.394	ng		-0.02
27) Fluoranthene-d10	18.747	212	12504	0.339	ng		-0.01
31) Terphenyl-d14	19.379	244	8698	0.476	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.974	88	1467	0.346	ng	#	88
3) n-Nitrosodimethylamine	3.263	42	1440	0.408	ng	#	88
6) bis(2-Chloroethyl)ether	6.708	93	3983	0.355	ng		99
9) Naphthalene	10.052	128	11935	0.415	ng		99
10) Hexachlorobutadiene	10.340	225	2551	0.385	ng	#	99
12) 2-Methylnaphthalene	11.681	142	7534	0.366	ng		96
16) Acenaphthylene	13.625	152	10983	0.407	ng		100
17) Acenaphthene	13.978	154	6982	0.390	ng		99
18) Fluorene	14.983	166	9056	0.353	ng		100
20) 4,6-Dinitro-2-methylph...	15.111	198	645	0.505	ng		92
21) 4-Bromophenyl-phenylether	15.904	248	2685	0.353	ng		97
22) Hexachlorobenzene	15.991	284	3862	0.432	ng		96
23) Atrazine	16.189	200	2110	0.390	ng		96
24) Pentachlorophenol	16.363	266	1614	0.415	ng	#	85
25) Phenanthrene	16.735	178	14161	0.397	ng		100
26) Anthracene	16.822	178	12409	0.384	ng		99
28) Fluoranthene	18.780	202	15692	0.326	ng		99
30) Pyrene	19.147	202	15917	0.466	ng		100
32) Benzo(a)anthracene	20.929	228	11832	0.365	ng		99
33) Chrysene	20.974	228	14241	0.426	ng		100
34) Bis(2-ethylhexyl)phtha...	20.893	149	5313	0.415	ng		99
36) Indeno(1,2,3-cd)pyrene	25.044	276	15551	0.435	ng		99
37) Benzo(b)fluoranthene	22.415	252	19434	0.581	ng	#	96
38) Benzo(k)fluoranthene	22.456	252	14469	0.439	ng		95
39) Benzo(a)pyrene	22.936	252	11624	0.422	ng	#	91
40) Dibenzo(a,h)anthracene	25.061	278	11696	0.414	ng		95
41) Benzo(g,h,i)perylene	25.649	276	12710	0.431	ng		98

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

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