Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112124\
Data File : BN035227.D
Acq On : 21 Nov 2024 18:12
Operator : RC/JU
Sample : PB165012BSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB165012BSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024

Quant Time: Nov 21 23:04:55 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN111324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 21 14:00:03 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.329	152	3072	0.400	ng	0.00
7) Naphthalene-d8	10.073	136	6967	0.400	ng	# 0.00
13) Acenaphthene-d10	13.976	164	4025	0.400	ng	-0.01
19) Phenanthrene-d10	16.746	188	7680	0.400	ng	# 0.00
29) Chrysene-d12	21.008	240	1000	0.400	ng	# 0.00
35) Perylene-d12	23.098	264	3421	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.982	112	3209	0.411	ng	0.00
5) Phenol-d6	6.528	99	3894	0.398	ng	0.00
8) Nitrobenzene-d5	8.461	82	1441m	0.238	ng	0.00
11) 2-Methylnaphthalene-d10	11.678	152	4335	0.349	ng	0.00
14) 2,4,6-Tribromophenol	15.494	330	895	0.308	ng	0.00
15) 2-Fluorobiphenyl	12.608	172	1227	0.075	ng	0.00
27) Fluoranthene-d10	18.802	212	7158	0.304	ng	0.00
31) Terphenyl-d14	19.433	244	4758	2.267	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.018	88	1081	0.387	ng	# 53
3) n-Nitrosodimethylamine	3.307	42	1020	0.392	ng	# 88
6) bis(2-Chloroethyl)ether	6.773	93	3240	0.441	ng	95
9) Naphthalene	10.127	128	7731	0.425	ng	99
10) Hexachlorobutadiene	10.426	225	1723	0.323	ng	# 99
12) 2-Methylnaphthalene	11.754	142	5176	0.386	ng	96
16) Acenaphthylene	13.698	152	7981	0.464	ng	98
17) Acenaphthene	14.040	154	4831	0.429	ng	99
18) Fluorene	15.045	166	6268	0.378	ng	100
20) 4,6-Dinitro-2-methylph...	15.142	198	275	0.172	ng	# 14
21) 4-Bromophenyl-phenylether	15.952	248	2039	0.417	ng	# 80
22) Hexachlorobenzene	16.051	284	2404	0.473	ng	97
24) Pentachlorophenol	16.411	266	1422	0.599	ng	99
25) Phenanthrene	16.784	178	8786	0.435	ng	99
26) Anthracene	16.883	178	8563	0.461	ng	99
28) Fluoranthene	18.834	202	8986	0.323	ng	# 97
30) Pyrene	19.201	202	9061	2.721	ng	99
32) Benzo(a)anthracene	21.026	228	8491	2.439	ng	94
33) Chrysene	21.026	228	8491	2.462	ng	97
34) Bis(2-ethylhexyl)phtha...	21.026	149	1089	0.596	ng	# 73
36) Indeno(1,2,3-cd)pyrene	25.151	276	8532	0.625	ng	# 90
37) Benzo(b)fluoranthene	22.481	252	8039	0.698	ng	# 90
38) Benzo(k)fluoranthene	22.519	252	8091	0.703	ng	# 91
39) Benzo(a)pyrene	23.008	252	6718	0.663	ng	# 87
40) Dibenzo(a,h)anthracene	25.171	278	7121	0.659	ng	# 89
41) Benzo(g,h,i)perylene	25.768	276	6570	0.571	ng	# 88

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

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