Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031425\
Data File : BN036648.D
Acq On : 15 Mar 2025 17:36
Operator : RC/JU
Sample : PB167131BSD
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB167131BSD

Manual Integrations APPROVED
Reviewed By :Anahy Claudio 03/17/2025
Supervised By :Jagrut Upadhyay 03/17/2025

Quant Time: Mar 17 00:37:30 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 16:06:28 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.717	152	2253	0.400	ng	0.00
7) Naphthalene-d8	10.498	136	5308	0.400	ng	-0.01
13) Acenaphthene-d10	14.355	164	2729	0.400	ng	-0.01
19) Phenanthrene-d10	17.099	188	4741	0.400	ng	#-0.01
29) Chrysene-d12	21.295	240	2695	0.400	ng	0.00
35) Perylene-d12	23.548	264	2381	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.312	112	2071	0.394	ng	0.00
5) Phenol-d6	6.894	99	2455	0.379	ng	0.00
8) Nitrobenzene-d5	8.864	82	2061	0.357	ng	-0.01
11) 2-Methylnaphthalene-d10	12.096	152	3064m	0.388	ng	-0.02
14) 2,4,6-Tribromophenol	15.858	330	406	0.328	ng	0.00
15) 2-Fluorobiphenyl	12.978	172	6558	0.413	ng	-0.01
27) Fluoranthene-d10	19.136	212	4103	0.338	ng	0.00
31) Terphenyl-d14	19.745	244	2745	0.425	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.239	88	901	0.361	ng	# 14
3) n-Nitrosodimethylamine	3.550	42	2066	0.409	ng	99
6) bis(2-Chloroethyl)ether	7.147	93	2556	0.381	ng	97
9) Naphthalene	10.551	128	6214	0.398	ng	100
10) Hexachlorobutadiene	10.840	225	1479	0.402	ng	# 98
12) 2-Methylnaphthalene	12.172	142	3861	0.389	ng	97
16) Acenaphthylene	14.077	152	5867	0.456	ng	99
17) Acenaphthene	14.420	154	3665	0.435	ng	99
18) Fluorene	15.403	166	4555	0.399	ng	99
20) 4,6-Dinitro-2-methylph...	15.499	198	286	0.382	ng	93
21) 4-Bromophenyl-phenylether	16.304	248	1293	0.435	ng	# 85
22) Hexachlorobenzene	16.416	284	1616	0.451	ng	94
23) Atrazine	16.577	200	1026	0.431	ng	98
24) Pentachlorophenol	16.764	266	830	0.507	ng	97
25) Phenanthrene	17.148	178	6332	0.445	ng	100
26) Anthracene	17.235	178	5778	0.450	ng	99
28) Fluoranthene	19.169	202	6182	0.387	ng	99
30) Pyrene	19.531	202	6218	0.472	ng	100
32) Benzo(a)anthracene	21.277	228	3855	0.411	ng	99
33) Chrysene	21.331	228	4868	0.475	ng	99
34) Bis(2-ethylhexyl)phtha...	21.205	149	2538	0.380	ng	# 98
36) Indeno(1,2,3-cd)pyrene	25.826	276	4408	0.513	ng	94
37) Benzo(b)fluoranthene	22.867	252	3713	0.429	ng	97
38) Benzo(k)fluoranthene	22.911	252	4269	0.470	ng	98
39) Benzo(a)pyrene	23.446	252	3529	0.484	ng	97
40) Dibenzo(a,h)anthracene	25.846	278	3281	0.490	ng	98
41) Benzo(g,h,i)perylene	26.519	276	3670m	0.480	ng	

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

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