Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061325\
Data File : BN037247.D
Acq On : 14 Jun 2025 04:08
Operator : RC/JU
Sample : Q2299-04MSD
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
TT191D1-20250609MSD

Manual Integrations APPROVED
Reviewed By :Anahy Claudio 06/16/2025
Supervised By :Jagrut Upadhyay 06/16/2025

Quant Time: Jun 14 05:09:26 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN061325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 13 18:43:34 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.575	152	888	0.400	ng	0.00
7) Naphthalene-d8	10.351	136	2241	0.400	ng	#-0.01
13) Acenaphthene-d10	14.224	164	1184	0.400	ng	0.00
19) Phenanthrene-d10	16.971	188	2199	0.400	ng	0.00
29) Chrysene-d12	21.170	240	1956	0.400	ng	0.00
35) Perylene-d12	23.357	264	1969	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.177	112	288	0.132	ng	0.00
5) Phenol-d6	6.766	99	162	0.070	ng	0.00
8) Nitrobenzene-d5	8.728	82	616	0.278	ng	0.00
11) 2-Methylnaphthalene-d10	11.955	152	831m	0.276	ng	0.00
14) 2,4,6-Tribromophenol	15.730	330	182	0.370	ng	0.00
15) 2-Fluorobiphenyl	12.848	172	1504	0.302	ng	0.00
27) Fluoranthene-d10	19.012	212	2166	0.376	ng	0.00
31) Terphenyl-d14	19.621	244	1884	0.426	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.104	88	2832	2.325	ng	# 87
3) n-Nitrosodimethylamine	3.422	42	510	0.184	ng	# 96
6) bis(2-Chloroethyl)ether	7.011	93	668	0.324	ng	98
9) Naphthalene	10.404	128	2101	0.324	ng	97
10) Hexachlorobutadiene	10.692	225	485	0.307	ng	# 95
12) 2-Methylnaphthalene	12.031	142	1206	0.306	ng	98
16) Acenaphthylene	13.946	152	2106	0.363	ng	99
17) Acenaphthene	14.288	154	1244	0.332	ng	98
18) Fluorene	15.282	166	1681	0.349	ng	99
20) 4,6-Dinitro-2-methylph...	15.378	198	206	0.473	ng	86
21) 4-Bromophenyl-phenylether	16.177	248	538	0.375	ng	89
22) Hexachlorobenzene	16.288	284	573	0.345	ng	93
23) Atrazine	16.450	200	567	0.444	ng	92
24) Pentachlorophenol	16.636	266	614	0.754	ng	97
25) Phenanthrene	17.021	178	2705	0.388	ng	99
26) Anthracene	17.108	178	2547	0.399	ng	98
28) Fluoranthene	19.045	202	3333	0.408	ng	# 95
30) Pyrene	19.407	202	3474	0.378	ng	99
32) Benzo(a)anthracene	21.153	228	2751	0.417	ng	99
33) Chrysene	21.206	228	3522	0.428	ng	100
34) Bis(2-ethylhexyl)phtha...	21.099	149	2078	0.422	ng	99
36) Indeno(1,2,3-cd)pyrene	25.549	276	3380	0.426	ng	99
37) Benzo(b)fluoranthene	22.705	252	3013	0.418	ng	99
38) Benzo(k)fluoranthene	22.749	252	3339	0.402	ng	98
39) Benzo(a)pyrene	23.266	252	2791	0.431	ng	96
40) Dibenzo(a,h)anthracene	25.564	278	2637	0.437	ng	95
41) Benzo(g,h,i)perylene	26.216	276	2894	0.393	ng	99

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

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