Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101325\
Data File : BN038086.D
Acq On : 14 Oct 2025 03:43
Operator : RC/JU
Sample : Q3298-06MS
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BP-VPB-184-GW-740-742MS

Quant Time: Oct 14 04:13:18 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 24 11:00:01 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.797	152	5765	0.400	ng		-0.03
7) Naphthalene-d8	10.594	136	14968	0.400	ng		#-0.03
13) Acenaphthene-d10	14.452	164	3442	0.400	ng		-0.02
19) Phenanthrene-d10	17.198	188	10343	0.400	ng		#-0.02
29) Chrysene-d12	21.384	240	3302	0.400	ng		#-0.02
35) Perylene-d12	23.706	264	80	0.400	ng		#-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.370	112	2575	0.196	ng		-0.01
5) Phenol-d6	6.952	99	2419	0.140	ng		-0.02
8) Nitrobenzene-d5	8.950	82	3312	0.290	ng		-0.02
11) 2-Methylnaphthalene-d10	12.192	152	5360	0.258	ng		-0.03
14) 2,4,6-Tribromophenol	15.945	330	742	0.569	ng		-0.02
15) 2-Fluorobiphenyl	13.073	172	10321	0.732	ng		-0.02
27) Fluoranthene-d10	19.234	212	4978	0.191	ng		-0.02
31) Terphenyl-d14	19.833	244	7090	1.078	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.283	88	3930	0.672	ng	#	60
3) n-Nitrosodimethylamine	3.586	42	948	0.122	ng	#	69
6) bis(2-Chloroethyl)ether	7.212	93	4808	0.300	ng	#	88
9) Naphthalene	10.648	128	12172	0.295	ng		100
10) Hexachlorobutadiene	10.947	225	2034	0.289	ng	#	99
12) 2-Methylnaphthalene	12.268	142	6809	0.253	ng		98
16) Acenaphthylene	14.174	152	3188	0.204	ng		99
17) Acenaphthene	14.516	154	3893	0.350	ng		98
18) Fluorene	15.499	166	9372	0.696	ng	#	79
20) 4,6-Dinitro-2-methylph...	15.572	198	496	0.438	ng	#	1
21) 4-Bromophenyl-phenylether	16.391	248	2435	0.361	ng	#	89
22) Hexachlorobenzene	16.515	284	3120	0.382	ng		97
24) Pentachlorophenol	16.851	266	2618	0.934	ng		91
25) Phenanthrene	17.235	178	12213	0.359	ng		100
26) Anthracene	17.335	178	5577	0.189	ng		100
28) Fluoranthene	19.266	202	8095	0.216	ng		98
30) Pyrene	19.629	202	2468	0.189	ng		98
32) Benzo(a)anthracene	21.375	228	3656	0.317	ng		97
33) Chrysene	21.420	228	6744	0.540	ng		97
34) Bis(2-ethylhexyl)phtha...	21.304	149	3033	0.664	ng		99
36) Indeno(1,2,3-cd)pyrene	26.083	276	1016	2.779	ng	#	76
37) Benzo(b)fluoranthene	23.005	252	4538	13.154	ng	#	50
38) Benzo(k)fluoranthene	23.051	252	1889	5.442	ng	#	1
39) Benzo(a)pyrene	23.607	252	604	2.214	ng	#	1
40) Dibenzo(a,h)anthracene	26.098	278	2154	7.546	ng	#	49
41) Benzo(g,h,i)perylene	26.797	276	809	2.698	ng	#	34

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

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