Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101325\
Data File : BN038087.D
Acq On : 14 Oct 2025 04:19
Operator : RC/JU
Sample : Q3298-07MSD
Misc :
ALS Vial : 22 Sample Multiplier: 1

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

Quant Time: Oct 14 04:44:06 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	7.796	152	6052	0.400	ng		-0.03
7) Naphthalene-d8	10.594	136	15943	0.400	ng		#-0.03
13) Acenaphthene-d10	14.452	164	3279	0.400	ng		-0.02
19) Phenanthrene-d10	17.198	188	9259	0.400	ng		#-0.02
29) Chrysene-d12	21.384	240	1395	0.400	ng		#-0.02
35) Perylene-d12	23.706	264	59	0.400	ng		#-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.370	112	2791	0.202	ng		-0.01
5) Phenol-d6	6.951	99	1922	0.106	ng		-0.02
8) Nitrobenzene-d5	8.950	82	3825	0.315	ng		-0.02
11) 2-Methylnaphthalene-d10	12.192	152	5786	0.261	ng		-0.03
14) 2,4,6-Tribromophenol	15.944	330	792	0.637	ng		-0.02
15) 2-Fluorobiphenyl	13.072	172	11734	0.874	ng		-0.02
27) Fluoranthene-d10	19.238	212	3375	0.145	ng		-0.01
31) Terphenyl-d14	19.833	244	6153	2.214	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.283	88	4280	0.697	ng	#	76
3) n-Nitrosodimethylamine	3.586	42	1205	0.147	ng	#	74
6) bis(2-Chloroethyl)ether	7.211	93	5399	0.321	ng	#	87
9) Naphthalene	10.648	128	13896	0.316	ng		99
10) Hexachlorobutadiene	10.946	225	2302	0.307	ng	#	100
12) 2-Methylnaphthalene	12.268	142	7718	0.269	ng		99
16) Acenaphthylene	14.174	152	3670	0.247	ng		100
17) Acenaphthene	14.516	154	4085	0.385	ng		93
18) Fluorene	15.499	166	12500	0.974	ng	#	62
20) 4,6-Dinitro-2-methylph...	15.572	198	558	0.527	ng	#	1
21) 4-Bromophenyl-phenylether	16.391	248	2615	0.433	ng	#	87
22) Hexachlorobenzene	16.515	284	3494	0.478	ng		98
24) Pentachlorophenol	16.851	266	2534	1.009	ng		93
25) Phenanthrene	17.235	178	12812	0.420	ng		99
26) Anthracene	17.335	178	5302	0.201	ng		98
28) Fluoranthene	19.266	202	6037	0.180	ng		99
30) Pyrene	19.629	202	3813	0.692	ng		98
32) Benzo(a)anthracene	21.375	228	2019	0.414	ng		94
33) Chrysene	21.420	228	4643	0.881	ng		97
34) Bis(2-ethylhexyl)phtha...	21.304	149	1679	0.871	ng	#	97
36) Indeno(1,2,3-cd)pyrene	26.086	276	656	2.433	ng	#	64
37) Benzo(b)fluoranthene	23.005	252	2316	9.102	ng	#	8
38) Benzo(k)fluoranthene	23.051	252	809	3.160	ng	#	1
39) Benzo(a)pyrene	23.607	252	800	3.976	ng	#	1
40) Dibenzo(a,h)anthracene	26.098	278	978	4.646	ng	#	1
41) Benzo(g,h,i)perylene	26.799	276	1194	5.399	ng	#	57

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

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