Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110425\
Data File : BN038133.D
Acq On : 04 Nov 2025 12:56
Operator : RC/JU
Sample : PB170381BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB170381BSD

Quant Time: Nov 04 13:20:15 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN102825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 29 13:09:46 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	10823	0.400	ng	0.00
7) Naphthalene-d8	10.573	136	30534	0.400	ng	# 0.00
13) Acenaphthene-d10	14.430	164	15616	0.400	ng	0.00
19) Phenanthrene-d10	17.186	188	28756	0.400	ng	0.00
29) Chrysene-d12	21.375	240	18053	0.400	ng	0.00
35) Perylene-d12	23.683	264	14856	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.348	112	7259	0.285	ng	0.00
5) Phenol-d6	6.937	99	8491	0.273	ng	0.00
8) Nitrobenzene-d5	8.929	82	7527	0.305	ng	0.00
11) 2-Methylnaphthalene-d10	12.172	152	12754	0.292	ng	0.00
14) 2,4,6-Tribromophenol	15.932	330	1353	0.210	ng	0.00
15) 2-Fluorobiphenyl	13.051	172	20205	0.323	ng	0.00
27) Fluoranthene-d10	19.220	212	18424	0.254	ng	0.00
31) Terphenyl-d14	19.824	244	14219	0.363	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.254	88	2913	0.260	ng	# 69
3) n-Nitrosodimethylamine	3.564	42	4281	0.297	ng	# 93
6) bis(2-Chloroethyl)ether	7.197	93	9060	0.297	ng	98
9) Naphthalene	10.626	128	25040	0.298	ng	100
10) Hexachlorobutadiene	10.925	225	4498	0.317	ng	# 99
12) 2-Methylnaphthalene	12.248	142	14295	0.255	ng	97
16) Acenaphthylene	14.152	152	22428	0.317	ng	99
17) Acenaphthene	14.495	154	14121	0.285	ng	97
18) Fluorene	15.489	166	18901	0.291	ng	99
20) 4,6-Dinitro-2-methylph...	15.560	198	792	0.328	ng	# 80
21) 4-Bromophenyl-phenylether	16.379	248	5427	0.288	ng	100
22) Hexachlorobenzene	16.503	284	6880	0.321	ng	99
23) Atrazine	16.652	200	3562	0.258	ng	99
24) Pentachlorophenol	16.838	266	3398	0.368	ng	99
25) Phenanthrene	17.223	178	26605	0.291	ng	100
26) Anthracene	17.322	178	23247	0.291	ng	99
28) Fluoranthene	19.253	202	25972	0.255	ng	100
30) Pyrene	19.615	202	25592	0.314	ng	100
32) Benzo(a)anthracene	21.358	228	18334	0.285	ng	99
33) Chrysene	21.411	228	21765	0.311	ng	100
34) Bis(2-ethylhexyl)phtha...	21.295	149	7715	0.227	ng	99
36) Indeno(1,2,3-cd)pyrene	26.037	276	19208	0.315	ng	97
37) Benzo(b)fluoranthene	22.984	252	18434	0.290	ng	97
38) Benzo(k)fluoranthene	23.031	252	19683	0.308	ng	98
39) Benzo(a)pyrene	23.581	252	15027	0.296	ng	97
40) Dibenzo(a,h)anthracene	26.054	278	14795	0.315	ng	99
41) Benzo(g,h,i)perylene	26.753	276	17207	0.321	ng	98

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

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