Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN033125\
Data File : BN036814.D
Acq On : 31 Mar 2025 14:16
Operator : RC/JU
Sample : PB167269BSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB167269BSD

Quant Time: Mar 31 14:40:11 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	7.695	152	2858	0.400	ng		-0.03
7) Naphthalene-d8	10.477	136	7352	0.400	ng		#-0.03
13) Acenaphthene-d10	14.334	164	4021	0.400	ng		-0.03
19) Phenanthrene-d10	17.086	188	7787	0.400	ng		#-0.02
29) Chrysene-d12	21.277	240	4781	0.400	ng		#-0.02
35) Perylene-d12	23.519	264	1670	0.400	ng		#-0.04
System Monitoring Compounds							
4) 2-Fluorophenol	5.290	112	3663	0.550	ng		-0.02
5) Phenol-d6	6.865	99	4565	0.555	ng		-0.04
8) Nitrobenzene-d5	8.843	82	3491	0.436	ng		-0.03
11) 2-Methylnaphthalene-d10	12.070	152	4651	0.425	ng		-0.04
14) 2,4,6-Tribromophenol	15.833	330	932	0.511	ng		-0.02
15) 2-Fluorobiphenyl	12.958	172	10822	0.463	ng		-0.03
27) Fluoranthene-d10	19.118	212	8631	0.432	ng		-0.02
31) Terphenyl-d14	19.722	244	5990	0.523	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.225	88	1028	0.324	ng	#	56
3) n-Nitrosodimethylamine	3.528	42	3407	0.531	ng		88
6) bis(2-Chloroethyl)ether	7.125	93	4084	0.480	ng		96
9) Naphthalene	10.519	128	10220	0.473	ng		100
10) Hexachlorobutadiene	10.818	225	2311	0.454	ng	#	98
12) 2-Methylnaphthalene	12.146	142	6715	0.488	ng		99
16) Acenaphthylene	14.045	152	8923	0.470	ng		99
17) Acenaphthene	14.398	154	6339	0.510	ng		99
18) Fluorene	15.382	166	8375	0.498	ng		99
20) 4,6-Dinitro-2-methylph...	15.478	198	952	0.622	ng	#	52
21) 4-Bromophenyl-phenylether	16.280	248	2507	0.514	ng		88
22) Hexachlorobenzene	16.391	284	2869	0.487	ng		96
24) Pentachlorophenol	16.739	266	2659	0.990	ng		99
25) Phenanthrene	17.124	178	12206	0.523	ng		100
26) Anthracene	17.211	178	10876	0.516	ng		99
28) Fluoranthene	19.146	202	12865	0.490	ng		99
30) Pyrene	19.513	202	11729	0.502	ng		100
32) Benzo(a)anthracene	21.259	228	8542	0.514	ng		99
33) Chrysene	21.313	228	10531	0.580	ng		99
34) Bis(2-ethylhexyl)phtha...	21.196	149	6222	0.526	ng	#	99
36) Indeno(1,2,3-cd)pyrene	25.785	276	6515	1.081	ng		97
37) Benzo(b)fluoranthene	22.844	252	7608	1.252	ng	#	90
38) Benzo(k)fluoranthene	22.891	252	7777	1.220	ng	#	90
39) Benzo(a)pyrene	23.423	252	4618	0.902	ng	#	93
40) Dibenzo(a,h)anthracene	25.803	278	6002	1.279	ng	#	90
41) Benzo(g,h,i)perylene	26.475	276	4911	0.915	ng		96

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

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