Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052125\
Data File : BP024740.D
Acq On : 21 May 2025 16:50
Operator : RC/JU
Sample : PB168026BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB168026BS

Quant Time: May 21 17:15:03 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 16:21:39 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.652	152	134273	20.000	ng		-0.01
21) Naphthalene-d8	10.422	136	511993	20.000	ng		#-0.01
39) Acenaphthene-d10	14.287	164	321175	20.000	ng		-0.02
64) Phenanthrene-d10	17.087	188	621819	20.000	ng		-0.01
76) Chrysene-d12	21.510	240	697911	20.000	ng		-0.01
86) Perylene-d12	24.792	264	814994	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.287	112	997032	127.002	ng		0.00
7) Phenol-d6	6.858	99	1174468	117.219	ng		0.00
23) Nitrobenzene-d5	8.805	82	691895	68.280	ng		0.00
42) 2,4,6-Tribromophenol	15.816	330	763461	140.217	ng		0.00
45) 2-Fluorobiphenyl	12.899	172	1884479	76.871	ng		0.00
79) Terphenyl-d14	19.810	244	3225075	79.237	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.223	88	119788	32.495	ng		96
3) Pyridine	3.617	79	282831	34.601	ng		96
4) n-Nitrosodimethylamine	3.528	42	152644	42.300	ng		87
6) Aniline	6.993	93	299582	23.159	ng		99
8) 2-Chlorophenol	7.234	128	385008	43.201	ng		97
9) Benzaldehyde	6.811	77	216617	33.398	ng		96
10) Phenol	6.881	94	422075	40.815	ng		97
11) bis(2-Chloroethyl)ether	7.087	93	311637	36.674	ng		99
12) 1,3-Dichlorobenzene	7.540	146	424311	41.383	ng		99
13) 1,4-Dichlorobenzene	7.687	146	430888	41.783	ng		100
14) 1,2-Dichlorobenzene	7.999	146	418822	41.679	ng		99
15) Benzyl Alcohol	7.899	79	307840	40.431	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.169	45	367305	36.094	ng		98
17) 2-Methylphenol	8.111	107	298124	40.194	ng		98
18) Hexachloroethane	8.716	117	154247	39.032	ng		96
19) n-Nitroso-di-n-propyla...	8.452	70	241126	34.791	ng		98
20) 3+4-Methylphenols	8.440	107	399544	39.601	ng		95
22) Acetophenone	8.469	105	542814	42.443	ng	#	99
24) Nitrobenzene	8.846	77	347586	38.979	ng		91
25) Isophorone	9.363	82	633361	36.033	ng		95
26) 2-Nitrophenol	9.546	139	204890	46.890	ng		97
27) 2,4-Dimethylphenol	9.622	122	332675	43.182	ng		100
28) bis(2-Chloroethoxy)met...	9.840	93	396749	37.781	ng		99
29) 2,4-Dichlorophenol	10.093	162	343706	46.038	ng		95
30) 1,2,4-Trichlorobenzene	10.287	180	383169	45.545	ng		98
31) Naphthalene	10.469	128	1125833	42.433	ng		100
32) Benzoic acid	9.805	122	215411	41.383	ng		96
33) 4-Chloroaniline	10.599	127	183490	17.138	ng		97
34) Hexachlorobutadiene	10.752	225	257649	47.275	ng		97
35) Caprolactam	11.393	113	113495	42.018	ng		96
36) 4-Chloro-3-methylphenol	11.740	107	400250	43.963	ng		99
37) 2-Methylnaphthalene	12.087	142	736378	42.863	ng		99
38) 1-Methylnaphthalene	12.310	142	773569	42.083	ng		100
40) 1,2,4,5-Tetrachloroben...	12.463	216	435958	46.744	ng		99
41) Hexachlorocyclopentadiene	12.440	237	609389	107.755	ng		98
43) 2,4,6-Trichlorophenol	12.710	196	292734	48.459	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.804	196	317188	47.170	ng		96
46) 1,1'-Biphenyl	13.110	154	1056335	44.499	ng		99
47) 2-Chloronaphthalene	13.151	162	805298	44.492	ng		99
48) 2-Nitroaniline	13.369	65	233074	43.495	ng		97
49) Acenaphthylene	14.004	152	1329954	43.908	ng		100
50) Dimethylphthalate	13.746	163	1043706	42.635	ng		100
51) 2,6-Dinitrotoluene	13.869	165	231482	44.774	ng		98
52) Acenaphthene	14.357	154	740473	42.524	ng		99
53) 3-Nitroaniline	14.210	138	119170	22.574	ng		100
54) 2,4-Dinitrophenol	14.428	184	264851	81.140	ng		96
55) Dibenzofuran	14.698	168	1189129	42.813	ng		100
56) 4-Nitrophenol	14.563	139	355366	77.875	ng		97
57) 2,4-Dinitrotoluene	14.675	165	330812	45.386	ng		97
58) Fluorene	15.357	166	948040	41.861	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.934	232	291266	46.694	ng		97
60) Diethylphthalate	15.134	149	1009664	40.807	ng		98
61) 4-Chlorophenyl-phenyle...	15.357	204	488094	43.215	ng		97
62) 4-Nitroaniline	15.404	138	214068m	41.997	ng		
63) Azobenzene	15.651	77	781467	36.920	ng		94
65) 4,6-Dinitro-2-methylph...	15.457	198	179101	44.591	ng		92
66) n-Nitrosodiphenylamine	15.575	169	822816	43.080	ng		98
67) 4-Bromophenyl-phenylether	16.269	248	338918	46.255	ng		95
68) Hexachlorobenzene	16.387	284	432441	46.446	ng		96
69) Atrazine	16.557	200	333765	47.684	ng		99
70) Pentachlorophenol	16.745	266	563019	107.725	ng		99
71) Phenanthrene	17.134	178	1503644	43.498	ng		100
72) Anthracene	17.228	178	1540314	44.289	ng		100
73) Carbazole	17.516	167	1409082	44.763	ng		100
74) Di-n-butylphthalate	18.098	149	1773755	43.814	ng		99
75) Fluoranthene	19.210	202	1768553	43.768	ng		99
77) Benzidine	19.416	184	715675	37.651	ng		100
78) Pyrene	19.586	202	1874917	44.836	ng		100
80) Butylbenzylphthalate	20.539	149	868659	46.707	ng		95
81) Benzo(a)anthracene	21.486	228	1948641	44.466	ng		99
82) 3,3'-Dichlorobenzidine	21.416	252	535256	32.885	ng		100
83) Chrysene	21.557	228	1864035	44.871	ng		100
84) Bis(2-ethylhexyl)phtha...	21.422	149	1278909	46.786	ng		99
85) Di-n-octyl phthalate	22.669	149	2124324	47.523	ng		99
87) Indeno(1,2,3-cd)pyrene	28.498	276	2716306	45.653	ng	#	89
88) Benzo(b)fluoranthene	23.751	252	2093567	44.879	ng		98
89) Benzo(k)fluoranthene	23.821	252	2186408	45.485	ng		99
90) Benzo(a)pyrene	24.633	252	2041978	45.577	ng		99
91) Dibenzo(a,h)anthracene	28.580	278	2225175	45.970	ng		97
92) Benzo(g,h,i)perylene	29.639	276	2181545	45.321	ng		97

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

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