Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050525\
Data File : BP024524.D
Acq On : 05 May 2025 13:59
Operator : RC/JU
Sample : PB167836BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB167836BS

Quant Time: May 05 14:24:42 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 18 12:04:48 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.710	152	155374	20.000	ng		-0.01
21) Naphthalene-d8	10.481	136	617500	20.000	ng		#-0.02
39) Acenaphthene-d10	14.339	164	391114	20.000	ng		-0.01
64) Phenanthrene-d10	17.145	188	761966	20.000	ng		# 0.00
76) Chrysene-d12	21.592	240	876116	20.000	ng		0.00
86) Perylene-d12	24.939	264	1058529	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.334	112	1196577	127.337	ng		-0.01
7) Phenol-d6	6.899	99	1480976	115.099	ng		-0.01
23) Nitrobenzene-d5	8.857	82	909551	83.990	ng		-0.01
42) 2,4,6-Tribromophenol	15.863	330	820508	151.629	ng		0.00
45) 2-Fluorobiphenyl	12.951	172	2140635	83.800	ng		-0.01
79) Terphenyl-d14	19.869	244	3810818	87.674	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.281	88	130788	32.905	ng	#	94
3) Pyridine	3.669	79	342343	32.618	ng		91
4) n-Nitrosodimethylamine	3.581	42	159864	45.895	ng	#	74
6) Aniline	7.046	93	358518	31.181	ng		97
8) 2-Chlorophenol	7.287	128	461335	43.972	ng		99
9) Benzaldehyde	6.863	77	194703	30.590	ng		99
10) Phenol	6.928	94	536579	41.571	ng		93
11) bis(2-Chloroethyl)ether	7.140	93	392094	37.702	ng		98
12) 1,3-Dichlorobenzene	7.599	146	474651	42.023	ng		99
13) 1,4-Dichlorobenzene	7.746	146	480666	41.943	ng		100
14) 1,2-Dichlorobenzene	8.057	146	463162	41.854	ng		98
15) Benzyl Alcohol	7.952	79	378601	45.499	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.234	45	449705	40.006	ng		100
17) 2-Methylphenol	8.157	107	371424	44.482	ng		97
18) Hexachloroethane	8.775	117	180531	43.590	ng		97
19) n-Nitroso-di-n-propyla...	8.510	70	304060	38.197	ng		94
20) 3+4-Methylphenols	8.481	107	507795	43.829	ng		97
22) Acetophenone	8.528	105	637314	41.699	ng	#	97
24) Nitrobenzene	8.899	77	460316	42.968	ng		98
25) Isophorone	9.422	82	842301	42.971	ng		97
26) 2-Nitrophenol	9.604	139	246739	47.064	ng	#	94
27) 2,4-Dimethylphenol	9.669	122	418270	63.540	ng		98
28) bis(2-Chloroethoxy)met...	9.899	93	526831	39.786	ng		99
29) 2,4-Dichlorophenol	10.146	162	418991	46.681	ng		97
30) 1,2,4-Trichlorobenzene	10.346	180	427836	44.489	ng		98
31) Naphthalene	10.528	128	1324775	40.728	ng		100
32) Benzoic acid	9.828	122	309994	40.414	ng		98
33) 4-Chloroaniline	10.646	127	203083	17.729	ng		98
34) Hexachlorobutadiene	10.816	225	271858	48.107	ng		99
35) Caprolactam	11.440	113	143986	43.476	ng		98
36) 4-Chloro-3-methylphenol	11.781	107	473668	45.307	ng		99
37) 2-Methylnaphthalene	12.140	142	846327	37.517	ng		98
38) 1-Methylnaphthalene	12.369	142	886967	40.192	ng		100
40) 1,2,4,5-Tetrachloroben...	12.516	216	480361	44.661	ng		99
41) Hexachlorocyclopentadiene	12.492	237	670149	176.170	ng		99
43) 2,4,6-Trichlorophenol	12.763	196	339421	47.465	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.840	196	374663	47.313	ng		99
46) 1,1'-Biphenyl	13.163	154	1210978	42.123	ng		98
47) 2-Chloronaphthalene	13.210	162	925091	43.054	ng		97
48) 2-Nitroaniline	13.416	65	289004	47.951	ng		94
49) Acenaphthylene	14.057	152	1553928	45.935	ng		99
50) Dimethylphthalate	13.798	163	1230208	43.252	ng		99
51) 2,6-Dinitrotoluene	13.916	165	275476	45.611	ng		91
52) Acenaphthene	14.404	154	886821	41.350	ng		100
53) 3-Nitroaniline	14.257	138	138981	21.894	ng		96
54) 2,4-Dinitrophenol	14.469	184	363876	102.279	ng		89
55) Dibenzofuran	14.745	168	1422679	40.583	ng		96
56) 4-Nitrophenol	14.586	139	521998	95.215	ng		91
57) 2,4-Dinitrotoluene	14.722	165	396142	48.082	ng		98
58) Fluorene	15.410	166	1153162	42.493	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.986	232	341287	46.729	ng		99
60) Diethylphthalate	15.181	149	1231042	42.000	ng		100
61) 4-Chlorophenyl-phenyle...	15.404	204	563774	42.781	ng		99
62) 4-Nitroaniline	15.445	138	287116	42.726	ng		88
63) Azobenzene	15.704	77	1073041	39.831	ng		97
65) 4,6-Dinitro-2-methylph...	15.504	198	230143	47.907	ng		96
66) n-Nitrosodiphenylamine	15.622	169	1020809	44.885	ng		99
67) 4-Bromophenyl-phenylether	16.316	248	387884	46.545	ng		100
68) Hexachlorobenzene	16.439	284	480161	48.489	ng		97
69) Atrazine	16.604	200	384613	66.399	ng		98
70) Pentachlorophenol	16.792	266	677371	98.053	ng		99
71) Phenanthrene	17.186	178	1820467	43.796	ng		99
72) Anthracene	17.280	178	1864164	46.532	ng		99
73) Carbazole	17.563	167	1771505	45.256	ng		99
74) Di-n-butylphthalate	18.151	149	2239523	45.922	ng		100
75) Fluoranthene	19.274	202	2183612	44.169	ng		97
77) Benzidine	19.469	184	849820	76.522	ng		99
78) Pyrene	19.651	202	2262502	40.635	ng		99
80) Butylbenzylphthalate	20.604	149	1085550	45.519	ng		99
81) Benzo(a)anthracene	21.574	228	2437272	44.757	ng		100
82) 3,3'-Dichlorobenzidine	21.498	252	533046	27.889	ng		100
83) Chrysene	21.639	228	2266044	43.435	ng		100
84) Bis(2-ethylhexyl)phtha...	21.510	149	1591637	45.527	ng		100
85) Di-n-octyl phthalate	22.780	149	2791472	49.115	ng		100
87) Indeno(1,2,3-cd)pyrene	28.727	276	3415216	46.473	ng		97
88) Benzo(b)fluoranthene	23.880	252	2747246	43.298	ng	#	97
89) Benzo(k)fluoranthene	23.951	252	2648737	43.218	ng	#	98
90) Benzo(a)pyrene	24.780	252	2622034	47.908	ng	#	97
91) Dibenzo(a,h)anthracene	28.797	278	2821392	46.255	ng		98
92) Benzo(g,h,i)perylene	29.903	276	2728716	43.950	ng		95

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

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