Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052225\
Data File : BP024770.D
Acq On : 22 May 2025 23:09
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Quant Time: May 23 03:21:15 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	7.651	152	86374	20.000	ng		-0.01
21) Naphthalene-d8	10.422	136	346242	20.000	ng		#-0.01
39) Acenaphthene-d10	14.280	164	224756	20.000	ng		-0.02
64) Phenanthrene-d10	17.080	188	450660	20.000	ng		-0.02
76) Chrysene-d12	21.515	240	607461	20.000	ng		0.00
86) Perylene-d12	24.803	264	776339	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.281	112	388374	76.905	ng		0.00
7) Phenol-d6	6.851	99	470808	73.048	ng		0.00
23) Nitrobenzene-d5	8.798	82	492174	71.822	ng		-0.01
42) 2,4,6-Tribromophenol	15.798	330	328461	86.204	ng		-0.01
45) 2-Fluorobiphenyl	12.892	172	1375946	80.205	ng		-0.01
79) Terphenyl-d14	19.804	244	2520904	71.158	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.216	88	85541	36.073	ng		98
3) Pyridine	3.616	79	184654	35.118	ng		96
4) n-Nitrosodimethylamine	3.528	42	88573	38.156	ng	#	90
6) Aniline	6.993	93	293407	35.260	ng		99
8) 2-Chlorophenol	7.228	128	222150	38.750	ng		97
9) Benzaldehyde	6.810	77	144206	34.563	ng		99
10) Phenol	6.881	94	240195	36.107	ng		98
11) bis(2-Chloroethyl)ether	7.081	93	177685	32.506	ng		98
12) 1,3-Dichlorobenzene	7.540	146	252923	38.347	ng		98
13) 1,4-Dichlorobenzene	7.681	146	255806	38.562	ng		99
14) 1,2-Dichlorobenzene	7.998	146	244036	37.753	ng		98
15) Benzyl Alcohol	7.898	79	175493	35.831	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.169	45	206867	31.601	ng		98
17) 2-Methylphenol	8.110	107	171192	35.880	ng		98
18) Hexachloroethane	8.710	117	91342	35.932	ng		96
19) n-Nitroso-di-n-propyla...	8.451	70	142910	32.054	ng		96
20) 3+4-Methylphenols	8.434	107	233956	36.048	ng		99
22) Acetophenone	8.469	105	319329	36.921	ng	#	99
24) Nitrobenzene	8.840	77	214093	35.502	ng		92
25) Isophorone	9.363	82	395241	33.250	ng		96
26) 2-Nitrophenol	9.545	139	121066	40.970	ng		97
27) 2,4-Dimethylphenol	9.616	122	197438	37.896	ng		99
28) bis(2-Chloroethoxy)met...	9.840	93	235401	33.147	ng		97
29) 2,4-Dichlorophenol	10.098	162	198750	39.366	ng		96
30) 1,2,4-Trichlorobenzene	10.281	180	228540	40.169	ng		97
31) Naphthalene	10.469	128	691005	38.512	ng		100
32) Benzoic acid	9.781	122	114466	34.117	ng		92
33) 4-Chloroaniline	10.592	127	284026	39.228	ng		98
34) Hexachlorobutadiene	10.751	225	151098	40.996	ng		98
35) Caprolactam	11.381	113	72554	39.720	ng		96
36) 4-Chloro-3-methylphenol	11.739	107	233417	37.911	ng		98
37) 2-Methylnaphthalene	12.081	142	452408	38.940	ng		99
38) 1-Methylnaphthalene	12.304	142	486578	39.142	ng		99
40) 1,2,4,5-Tetrachloroben...	12.457	216	263935	40.440	ng		99
41) Hexachlorocyclopentadiene	12.434	237	205099	51.825	ng		97
43) 2,4,6-Trichlorophenol	12.710	196	171769	40.632	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.804	196	188466	40.051	ng		94
46) 1,1'-Biphenyl	13.104	154	652970	39.307	ng		99
47) 2-Chloronaphthalene	13.145	162	506616	39.998	ng		98
48) 2-Nitroaniline	13.363	65	147818	39.419	ng		97
49) Acenaphthylene	13.998	152	808881	38.161	ng		100
50) Dimethylphthalate	13.739	163	635660	37.106	ng		100
51) 2,6-Dinitrotoluene	13.863	165	138524	38.288	ng		99
52) Acenaphthene	14.345	154	469216	38.506	ng		99
53) 3-Nitroaniline	14.204	138	142609	38.603	ng		93
54) 2,4-Dinitrophenol	14.422	184	72293	35.553	ng		99
55) Dibenzofuran	14.686	168	763888	39.301	ng		98
56) 4-Nitrophenol	14.580	139	127590	42.016	ng		98
57) 2,4-Dinitrotoluene	14.663	165	208304	40.839	ng		98
58) Fluorene	15.345	166	632338	39.899	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.933	232	176897	40.525	ng		97
60) Diethylphthalate	15.116	149	657707	37.986	ng		99
61) 4-Chlorophenyl-phenyle...	15.339	204	308082	38.979	ng		99
62) 4-Nitroaniline	15.392	138	148251	41.561	ng		99
63) Azobenzene	15.633	77	545450	36.825	ng		96
65) 4,6-Dinitro-2-methylph...	15.451	198	117458	40.350	ng		97
66) n-Nitrosodiphenylamine	15.563	169	545093	39.378	ng		99
67) 4-Bromophenyl-phenylether	16.251	248	212342	39.987	ng		98
68) Hexachlorobenzene	16.369	284	274224	40.639	ng		98
69) Atrazine	16.539	200	210267	41.449	ng		98
70) Pentachlorophenol	16.739	266	161466	42.628	ng		98
71) Phenanthrene	17.122	178	977097	39.002	ng		100
72) Anthracene	17.210	178	1032456	40.961	ng		100
73) Carbazole	17.498	167	967976	42.429	ng		100
74) Di-n-butylphthalate	18.086	149	1139117	38.824	ng		100
75) Fluoranthene	19.216	202	1228369	41.945	ng		98
77) Benzidine	19.416	184	651486	39.377	ng		99
78) Pyrene	19.592	202	1313857	36.097	ng		100
80) Butylbenzylphthalate	20.539	149	589778	36.434	ng		96
81) Benzo(a)anthracene	21.498	228	1462106	38.332	ng		100
82) 3,3'-Dichlorobenzidine	21.427	252	595491	42.033	ng		98
83) Chrysene	21.562	228	1407588	38.929	ng		100
84) Bis(2-ethylhexyl)phtha...	21.433	149	861065	36.190	ng		100
85) Di-n-octyl phthalate	22.680	149	1503281	38.637	ng		100
87) Indeno(1,2,3-cd)pyrene	28.509	276	2249633	39.692	ng	#	88
88) Benzo(b)fluoranthene	23.756	252	1717819	38.658	ng		98
89) Benzo(k)fluoranthene	23.827	252	1683302	36.762	ng		98
90) Benzo(a)pyrene	24.639	252	1677144	39.298	ng		98
91) Dibenzo(a,h)anthracene	28.580	278	1830614	39.702	ng		98
92) Benzo(g,h,i)perylene	29.656	276	1805688	39.380	ng		97

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

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