Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052125\
Data File : BP024737.D
Acq On : 21 May 2025 14:48
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Quant Time: May 21 15:15:28 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	7.646	152	128557	20.000	ng		-0.02
21) Naphthalene-d8	10.416	136	504282	20.000	ng		-0.02
39) Acenaphthene-d10	14.287	164	338214	20.000	ng		-0.02
64) Phenanthrene-d10	17.081	188	643332	20.000	ng		-0.02
76) Chrysene-d12	21.510	240	728456	20.000	ng		-0.01
86) Perylene-d12	24.786	264	831576	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.281	112	563089	74.915	ng		0.00
7) Phenol-d6	6.852	99	685904	71.501	ng		0.00
23) Nitrobenzene-d5	8.799	82	725976	72.739	ng		-0.01
42) 2,4,6-Tribromophenol	15.804	330	482266	84.111	ng		0.00
45) 2-Fluorobiphenyl	12.898	172	2002009	77.551	ng		0.00
79) Terphenyl-d14	19.804	244	3408868	80.240	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.217	88	123669	35.039	ng		99
3) Pyridine	3.617	79	262480	33.539	ng		95
4) n-Nitrosodimethylamine	3.528	42	123664	35.793	ng		90
6) Aniline	6.993	93	427314	34.502	ng		99
8) 2-Chlorophenol	7.228	128	323294	37.889	ng		97
9) Benzaldehyde	6.805	77	210196	33.849	ng		97
10) Phenol	6.875	94	343323	34.675	ng		97
11) bis(2-Chloroethyl)ether	7.081	93	267754	32.911	ng		97
12) 1,3-Dichlorobenzene	7.540	146	369964	37.687	ng		98
13) 1,4-Dichlorobenzene	7.681	146	377130	38.196	ng		99
14) 1,2-Dichlorobenzene	7.993	146	358228	37.234	ng		99
15) Benzyl Alcohol	7.899	79	274812	37.698	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.175	45	322460	33.096	ng		98
17) 2-Methylphenol	8.105	107	257144	36.211	ng		99
18) Hexachloroethane	8.710	117	136161	35.987	ng		98
19) n-Nitroso-di-n-propyla...	8.452	70	219513	33.080	ng		98
20) 3+4-Methylphenols	8.434	107	348115	36.038	ng		99
22) Acetophenone	8.469	105	472930	37.544	ng	#	98
24) Nitrobenzene	8.840	77	314532	35.811	ng		94
25) Isophorone	9.357	82	621875	35.920	ng		98
26) 2-Nitrophenol	9.546	139	188189	43.726	ng		97
27) 2,4-Dimethylphenol	9.616	122	299412	39.458	ng		99
28) bis(2-Chloroethoxy)met...	9.840	93	373026	36.065	ng		98
29) 2,4-Dichlorophenol	10.087	162	298960	40.657	ng		96
30) 1,2,4-Trichlorobenzene	10.281	180	337424	40.721	ng		98
31) Naphthalene	10.469	128	1008718	38.600	ng		100
32) Benzoic acid	9.787	122	197648m	39.062	ng		
33) 4-Chloroaniline	10.587	127	419312	39.764	ng		97
34) Hexachlorobutadiene	10.746	225	223991	41.728	ng		97
35) Caprolactam	11.393	113	98617	37.068	ng		97
36) 4-Chloro-3-methylphenol	11.734	107	333647	37.207	ng		97
37) 2-Methylnaphthalene	12.081	142	643256	38.015	ng		100
38) 1-Methylnaphthalene	12.304	142	675108	37.289	ng		99
40) 1,2,4,5-Tetrachloroben...	12.457	216	381647	38.859	ng		99
41) Hexachlorocyclopentadiene	12.434	237	239845	40.274	ng		97
43) 2,4,6-Trichlorophenol	12.710	196	261803	41.155	ng		100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.804	196	281425	39.743	ng	98
46) 1,1'-Biphenyl	13.104	154	961834	38.477	ng	99
47) 2-Chloronaphthalene	13.151	162	734643	38.543	ng	100
48) 2-Nitroaniline	13.363	65	213232	37.787	ng	96
49) Acenaphthylene	14.004	152	1222519	38.328	ng	99
50) Dimethylphthalate	13.745	163	961442	37.296	ng	100
51) 2,6-Dinitrotoluene	13.869	165	207647	38.140	ng	99
52) Acenaphthene	14.351	154	698905	38.115	ng	100
53) 3-Nitroaniline	14.210	138	216734	38.988	ng	97
54) 2,4-Dinitrophenol	14.422	184	164987	50.613	ng	99
55) Dibenzofuran	14.692	168	1115484	38.138	ng	99
56) 4-Nitrophenol	14.575	139	144766	32.722	ng	96
57) 2,4-Dinitrotoluene	14.669	165	305830	39.845	ng	98
58) Fluorene	15.351	166	859607	36.044	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.934	232	266302	40.541	ng	96
60) Diethylphthalate	15.122	149	951493	36.519	ng	99
61) 4-Chlorophenyl-phenyle...	15.345	204	439835	36.981	ng	99
62) 4-Nitroaniline	15.387	138	205688m	38.320	ng	
63) Azobenzene	15.645	77	705740	31.663	ng	93
65) 4,6-Dinitro-2-methylph...	15.451	198	163240	39.283	ng	95
66) n-Nitrosodiphenylamine	15.563	169	745065	37.705	ng	99
67) 4-Bromophenyl-phenylether	16.257	248	307639	40.582	ng	94
68) Hexachlorobenzene	16.375	284	389640	40.450	ng	94
69) Atrazine	16.545	200	281596	38.885	ng	99
70) Pentachlorophenol	16.734	266	236626	43.761	ng	98
71) Phenanthrene	17.122	178	1367949	38.250	ng	99
72) Anthracene	17.216	178	1402936	38.990	ng	99
73) Carbazole	17.504	167	1273717	39.110	ng	100
74) Di-n-butylphthalate	18.086	149	1683824	40.201	ng	99
75) Fluoranthene	19.210	202	1610436	38.522	ng	98
77) Benzidine	19.410	184	830549	41.862	ng	100
78) Pyrene	19.580	202	1695680	38.849	ng	100
80) Butylbenzylphthalate	20.533	149	775853	39.968	ng	92
81) Benzo(a)anthracene	21.492	228	1753708	38.340	ng	99
82) 3,3'-Dichlorobenzidine	21.416	252	721764	42.484	ng	99
83) Chrysene	21.557	228	1649202	38.035	ng	99
84) Bis(2-ethylhexyl)phtha...	21.422	149	1152986	40.410	ng	99
85) Di-n-octyl phthalate	22.674	149	1934196	41.455	ng	100
87) Indeno(1,2,3-cd)pyrene	28.492	276	2389128m	39.353	ng	
88) Benzo(b)fluoranthene	23.751	252	1842112	38.701	ng	98
89) Benzo(k)fluoranthene	23.821	252	1866702	38.060	ng	99
90) Benzo(a)pyrene	24.627	252	1761704	38.538	ng	99
91) Dibenzo(a,h)anthracene	28.586	278	1961249	39.710	ng	98
92) Benzo(g,h,i)perylene	29.639	276	1901784	38.721	ng	99

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

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