Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051225\
Data File : BP024609.D
Acq On : 12 May 2025 19:23
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Quant Time: May 13 02:56:37 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 02:51:00 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.663	152	136898	20.00	ng	0.00
21) Naphthalene-d8	10.434	136	565405	20.00	ng	0.00
39) Acenaphthene-d10	14.292	164	372043	20.00	ng	0.00
64) Phenanthrene-d10	17.092	188	717514	20.00	ng	0.00
76) Chrysene-d12	21.516	240	798020	20.00	ng	0.00
86) Perylene-d12	24.786	264	935102	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.287	112	959832	123.89	ng	0.00
7) Phenol-d6	6.857	99	1290137	126.61	ng	0.00
23) Nitrobenzene-d5	8.816	82	1231330	125.17	ng	0.00
42) 2,4,6-Tribromophenol	15.816	330	767693	125.90	ng	0.00
45) 2-Fluorobiphenyl	12.910	172	2965367	119.22	ng	0.00
79) Terphenyl-d14	19.810	244	4938655	121.15	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.228	88	201249	58.54	ng	99
3) Pyridine	3.622	79	506740m	63.00	ng	
4) n-Nitrosodimethylamine	3.534	42	216548	61.22	ng	97
6) Aniline	7.005	93	574546	62.85	ng	99
8) 2-Chlorophenol	7.240	128	547872	61.43	ng	98
9) Benzaldehyde	6.822	77	306054	54.33	ng	97
10) Phenol	6.881	94	639800	63.05	ng	98
11) bis(2-Chloroethyl)ether	7.099	93	503717	61.12	ng	99
12) 1,3-Dichlorobenzene	7.552	146	581159	59.22	ng	99
13) 1,4-Dichlorobenzene	7.699	146	595415	59.58	ng	99
14) 1,2-Dichlorobenzene	8.016	146	570771	59.01	ng	99
15) Benzyl Alcohol	7.910	79	470980	67.05	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.193	45	558777	59.13	ng	100
17) 2-Methylphenol	8.116	107	444949	63.76	ng	99
18) Hexachloroethane	8.728	117	225796	59.56	ng	98
19) n-Nitroso-di-n-propyla...	8.463	70	414639	61.01	ng	99
20) 3+4-Methylphenols	8.440	107	613953	63.91	ng	99
22) Acetophenone	8.481	105	843144	62.28	ng	100
24) Nitrobenzene	8.857	77	601618	63.03	ng	98
25) Isophorone	9.375	82	1080116	62.65	ng	100
26) 2-Nitrophenol	9.557	139	326349	66.85	ng	100
27) 2,4-Dimethylphenol	9.628	122	381515	64.75	ng	100
28) bis(2-Chloroethoxy)met...	9.851	93	696365	62.16	ng	100
29) 2,4-Dichlorophenol	10.098	162	535239	65.61	ng	97
30) 1,2,4-Trichlorobenzene	10.298	180	556271	61.29	ng	98
31) Naphthalene	10.487	128	1806000	61.24	ng	100
32) Benzoic acid	9.810	122	414666	61.93	ng	100
33) 4-Chloroaniline	10.604	127	648919	65.32	ng	99
34) Hexachlorobutadiene	10.769	225	354288	60.53	ng	98
35) Caprolactam	11.404	113	192222	67.45	ng	96
36) 4-Chloro-3-methylphenol	11.740	107	643302	64.42	ng	98
37) 2-Methylnaphthalene	12.092	142	1263543	61.13	ng	98
38) 1-Methylnaphthalene	12.316	142	1238642	60.64	ng	99
40) 1,2,4,5-Tetrachloroben...	12.463	216	637741	61.43	ng	100
41) Hexachlorocyclopentadiene	12.445	237	236926	69.60	ng	98
43) 2,4,6-Trichlorophenol	12.722	196	448923	64.32	ng	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.798	196	494211	63.62	ng		99
46) 1,1'-Biphenyl	13.122	154	1592203	59.54	ng		100
47) 2-Chloronaphthalene	13.163	162	1224667	60.31	ng		98
48) 2-Nitroaniline	13.369	65	383126	64.39	ng		98
49) Acenaphthylene	14.010	152	1920405	60.52	ng		100
50) Dimethylphthalate	13.757	163	1673822	60.32	ng		100
51) 2,6-Dinitrotoluene	13.875	165	366524	61.90	ng		99
52) Acenaphthene	14.357	154	1215884	60.15	ng		99
53) 3-Nitroaniline	14.210	138	374593	65.60	ng		100
54) 2,4-Dinitrophenol	14.428	184	227982	61.14	ng		97
55) Dibenzofuran	14.698	168	1947176	59.14	ng		98
56) 4-Nitrophenol	14.539	139	317344	67.57	ng		98
57) 2,4-Dinitrotoluene	14.675	165	511379	62.68	ng		99
58) Fluorene	15.363	166	1531598	59.90	ng		100
59) 2,3,4,6-Tetrachlorophenol	14.934	232	451240	61.60	ng		99
60) Diethylphthalate	15.139	149	1720570	59.87	ng		98
61) 4-Chlorophenyl-phenyle...	15.357	204	777838	60.30	ng		98
62) 4-Nitroaniline	15.398	138	378857	66.78	ng		99
63) Azobenzene	15.657	77	1469664	59.95	ng		99
65) 4,6-Dinitro-2-methylph...	15.457	198	302095	68.60	ng		98
66) n-Nitrosodiphenylamine	15.575	169	1297507	60.48	ng		99
67) 4-Bromophenyl-phenylether	16.269	248	519254	61.24	ng		99
68) Hexachlorobenzene	16.392	284	642185	60.82	ng		99
69) Atrazine	16.557	200	427409	59.07	ng		99
70) Pentachlorophenol	16.739	266	454899	67.02	ng		98
71) Phenanthrene	17.133	178	2327575	60.15	ng		100
72) Anthracene	17.233	178	2304286	60.95	ng		100
73) Carbazole	17.516	167	2225688	62.77	ng		99
74) Di-n-butylphthalate	18.104	149	2943982	61.71	ng		100
75) Fluoranthene	19.222	202	2831647	60.04	ng		99
77) Benzidine	19.422	184	772379m	83.13	ng		
78) Pyrene	19.598	202	2949804	61.09	ng		99
80) Butylbenzylphthalate	20.545	149	1382232	64.19	ng		96
81) Benzo(a)anthracene	21.498	228	2964287	61.01	ng		100
82) 3,3'-Dichlorobenzidine	21.421	252	787745	67.82	ng		98
83) Chrysene	21.563	228	2869390	60.94	ng		100
84) Bis(2-ethylhexyl)phtha...	21.433	149	1998103	63.22	ng		99
85) Di-n-octyl phthalate	22.674	149	3435953	65.57	ng		100
87) Indeno(1,2,3-cd)pyrene	28.509	276	4074288	63.75	ng	#	91
88) Benzo(b)fluoranthene	23.751	252	3357395	62.21	ng		99
89) Benzo(k)fluoranthene	23.827	252	3258266	61.18	ng		99
90) Benzo(a)pyrene	24.639	252	2946393	63.07	ng		98
91) Dibenzo(a,h)anthracene	28.574	278	3349069	63.88	ng		99
92) Benzo(g,h,i)perylene	29.662	276	3426122	63.25	ng		99

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

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