Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070325\
Data File : BP025075.D
Acq On : 03 Jul 2025 12:25
Operator : CG/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Quant Time: Jul 03 15:53:52 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 15:38:19 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.443	152	390810	20.000	ng	0.00
21) Naphthalene-d8	10.184	136	1560152	20.000	ng	0.00
39) Acenaphthene-d10	14.089	164	1003103	20.000	ng	0.00
64) Phenanthrene-d10	16.907	188	2062708	20.000	ng	0.00
76) Chrysene-d12	21.342	240	2262594	20.000	ng	0.00
86) Perylene-d12	24.495	264	2431657	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.096	112	1772070	80.342	ng	0.00
7) Phenol-d6	6.631	99	2279753	79.204	ng	0.00
23) Nitrobenzene-d5	8.566	82	1914639	81.616	ng	0.00
42) 2,4,6-Tribromophenol	15.619	330	987112	83.301	ng	0.00
45) 2-Fluorobiphenyl	12.695	172	5132522	79.265	ng	0.00
79) Terphenyl-d14	19.672	244	8276493	80.394	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.125	88	339998	39.642	ng	100
3) Pyridine	3.490	79	959760	40.903	ng	100
4) n-Nitrosodimethylamine	3.408	42	395498	39.780	ng	100
6) Aniline	6.784	93	1084746	40.335	ng	100
8) 2-Chlorophenol	7.019	128	981576	39.775	ng	100
9) Benzaldehyde	6.602	77	565720	37.634	ng	100
10) Phenol	6.655	94	1150792	39.348	ng	100
11) bis(2-Chloroethyl)ether	6.890	93	876880	38.958	ng	100
12) 1,3-Dichlorobenzene	7.337	146	1077716	39.020	ng	100
13) 1,4-Dichlorobenzene	7.472	146	1093628	39.109	ng	100
14) 1,2-Dichlorobenzene	7.784	146	1054645	39.206	ng	100
15) Benzyl Alcohol	7.672	79	748226	38.947	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.966	45	1120385	38.282	ng	100
17) 2-Methylphenol	7.872	107	757253	40.195	ng	100
18) Hexachloroethane	8.496	117	359924	39.510	ng	100
19) n-Nitroso-di-n-propyla...	8.237	70	676070	39.605	ng	100
20) 3+4-Methylphenols	8.196	107	1042619	39.511	ng	100
22) Acetophenone	8.243	105	1451215	39.332	ng	100
24) Nitrobenzene	8.607	77	966724	40.457	ng	100
25) Isophorone	9.131	82	1742244	39.740	ng	100
26) 2-Nitrophenol	9.313	139	416304	36.734	ng	100
27) 2,4-Dimethylphenol	9.384	122	649221	39.698	ng	100
28) bis(2-Chloroethoxy)met...	9.619	93	1166063	39.172	ng	100
29) 2,4-Dichlorophenol	9.837	162	932551	41.124	ng	100
30) 1,2,4-Trichlorobenzene	10.060	180	995067	39.625	ng	100
31) Naphthalene	10.231	128	3155257	39.276	ng	100
32) Benzoic acid	9.501	122	581334	38.533	ng	100
33) 4-Chloroaniline	10.343	127	1217057	40.595	ng	100
34) Hexachlorobutadiene	10.537	225	567921	39.409	ng	100
35) Caprolactam	11.107	113	313947	40.469	ng	100
36) 4-Chloro-3-methylphenol	11.484	107	965263	40.733	ng	100
37) 2-Methylnaphthalene	11.860	142	2240648	39.530	ng	100
38) 1-Methylnaphthalene	12.084	142	2158945	39.054	ng	100
40) 1,2,4,5-Tetrachloroben...	12.243	216	1164588	40.396	ng	100
41) Hexachlorocyclopentadiene	12.237	237	298913	39.695	ng	100
43) 2,4,6-Trichlorophenol	12.484	196	741839	42.497	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.554	196	824324	41.668	ng	100
46) 1,1'-Biphenyl	12.907	154	2916222	39.957	ng	100
47) 2-Chloronaphthalene	12.942	162	2188234	39.891	ng	100
48) 2-Nitroaniline	13.142	65	519267	39.182	ng	100
49) Acenaphthylene	13.801	152	3413485	40.657	ng	100
50) Dimethylphthalate	13.554	163	2825141	40.234	ng	100
51) 2,6-Dinitrotoluene	13.660	165	592325	43.253	ng	100
52) Acenaphthene	14.154	154	2139419	39.537	ng	100
53) 3-Nitroaniline	13.984	138	644835	43.937	ng	100
54) 2,4-Dinitrophenol	14.195	184	234827	38.110	ng	100
55) Dibenzofuran	14.507	168	3547100	39.719	ng	100
56) 4-Nitrophenol	14.301	139	572405	42.263	ng	100
57) 2,4-Dinitrotoluene	14.466	165	785486	39.572	ng	100
58) Fluorene	15.166	166	2794372	40.454	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.731	232	742726	41.458	ng	100
60) Diethylphthalate	14.960	149	2866041	40.639	ng	100
61) 4-Chlorophenyl-phenyle...	15.178	204	1361531	39.829	ng	100
62) 4-Nitroaniline	15.184	138	686633	44.618	ng	100
63) Azobenzene	15.478	77	2537142	40.400	ng	100
65) 4,6-Dinitro-2-methylph...	15.248	198	335740	37.190	ng	100
66) n-Nitrosodiphenylamine	15.389	169	2365317	40.069	ng	100
67) 4-Bromophenyl-phenylether	16.095	248	843967	39.961	ng	100
68) Hexachlorobenzene	16.201	284	1020715	39.541	ng	100
69) Atrazine	16.383	200	711320	41.121	ng	100
70) Pentachlorophenol	16.548	266	707874	40.604	ng	100
71) Phenanthrene	16.954	178	4407982	39.993	ng	100
72) Anthracene	17.048	178	4275492	40.434	ng	100
73) Carbazole	17.325	167	4245502	41.064	ng	100
74) Di-n-butylphthalate	17.960	149	4897263	42.536	ng	100
75) Fluoranthene	19.066	202	5320900	41.300	ng	100
77) Benzidine	19.266	184	2584906	64.686	ng	100
78) Pyrene	19.436	202	5572652	39.765	ng	100
80) Butylbenzylphthalate	20.430	149	1993151	37.765	ng	100
81) Benzo(a)anthracene	21.324	228	5507840	40.169	ng	100
82) 3,3'-Dichlorobenzidine	21.271	252	1763991	42.735	ng	100
83) Chrysene	21.389	228	5244045	39.742	ng	100
84) Bis(2-ethylhexyl)phtha...	21.330	149	3179611	43.232	ng	100
85) Di-n-octyl phthalate	22.560	149	4951836	38.152	ng	100
87) Indeno(1,2,3-cd)pyrene	28.036	276	6474467m	41.785	ng	
88) Benzo(b)fluoranthene	23.512	252	5839482	41.258	ng	100
89) Benzo(k)fluoranthene	23.583	252	5609534	39.833	ng	100
90) Benzo(a)pyrene	24.354	252	5022829	41.697	ng	100
91) Dibenzo(a,h)anthracene	28.136	278	5336147	41.673	ng	100
92) Benzo(g,h,i)perylene	29.124	276	5482072	41.443	ng	100

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

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