

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090425\
 Data File : BP025668.D
 Acq On : 04 Sep 2025 20:19
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDCCC040EC

Quant Time: Sep 05 01:12:32 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 14 18:14:31 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.772	152	158984	20.000	ng	-0.02
21) Naphthalene-d8	10.537	136	657448	20.000	ng	-0.02
39) Acenaphthene-d10	14.390	164	429956	20.000	ng	-0.02
64) Phenanthrene-d10	17.189	188	844392	20.000	ng	-0.01
76) Chrysene-d12	21.636	240	901003	20.000	ng	-0.01
86) Perylene-d12	25.024	264	1003164	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.396	112	738118	77.102	ng	-0.01
7) Phenol-d6	6.955	99	944116	76.921	ng	-0.01
23) Nitrobenzene-d5	8.913	82	1037828	79.853	ng	-0.02
42) 2,4,6-Tribromophenol	15.907	330	464774	80.310	ng	0.00
45) 2-Fluorobiphenyl	13.001	172	2340627	74.401	ng	-0.02
79) Terphenyl-d14	19.913	244	3633578	73.783	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.320	88	141512	37.738	ng	94
3) Pyridine	3.720	79	385230	37.533	ng	90
4) n-Nitrosodimethylamine	3.625	42	187196	44.240	ng	86
6) Aniline	7.102	93	622001	37.613	ng	96
8) 2-Chlorophenol	7.349	128	414354	38.355	ng	98
9) Benzaldehyde	6.925	77	404564	47.047	ng	96
10) Phenol	6.984	94	487007	37.814	ng	93
11) bis(2-Chloroethyl)ether	7.196	93	379725	37.828	ng	97
12) 1,3-Dichlorobenzene	7.661	146	448989	37.692	ng	98
13) 1,4-Dichlorobenzene	7.808	146	462521	37.988	ng	98
14) 1,2-Dichlorobenzene	8.119	146	442550	37.549	ng	99
15) Benzyl Alcohol	8.008	79	385779	39.558	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.278	45	546504	40.641	ng	97
17) 2-Methylphenol	8.213	107	341635	38.194	ng	96
18) Hexachloroethane	8.837	117	176229	39.366	ng	98
19) n-Nitroso-di-n-propyla...	8.566	70	316289	38.904	ng	95
20) 3+4-Methylphenols	8.537	107	459268	37.041	ng	96
22) Acetophenone	8.584	105	639302	38.775	ng	# 95
24) Nitrobenzene	8.955	77	467521	40.250	ng	96
25) Isophorone	9.478	82	881168	38.310	ng	98
26) 2-Nitrophenol	9.660	139	230612	38.686	ng	97
27) 2,4-Dimethylphenol	9.725	122	385743	37.628	ng	95
28) bis(2-Chloroethoxy)met...	9.949	93	522303	37.566	ng	99
29) 2,4-Dichlorophenol	10.196	162	382705	37.581	ng	98
30) 1,2,4-Trichlorobenzene	10.407	180	418336	37.474	ng	100
31) Naphthalene	10.590	128	1296310	37.936	ng	99
32) Benzoic acid	9.884	122	272072	35.949	ng	99
33) 4-Chloroaniline	10.702	127	563755	37.349	ng	97
34) Hexachlorobutadiene	10.872	225	268563	38.629	ng	99
35) Caprolactam	11.490	113	137241	36.753	ng	94
36) 4-Chloro-3-methylphenol	11.831	107	458100	39.203	ng	96
37) 2-Methylnaphthalene	12.196	142	826917	37.185	ng	98
38) 1-Methylnaphthalene	12.419	142	869473	36.766	ng	99
40) 1,2,4,5-Tetrachloroben...	12.566	216	478870	38.564	ng	99
41) Hexachlorocyclopentadiene	12.549	237	296826	39.573	ng	99
43) 2,4,6-Trichlorophenol	12.807	196	321186	38.313	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.896	196	348167	37.894	ng	99
46) 1,1'-Biphenyl	13.213	154	1173008	37.565	ng	100
47) 2-Chloronaphthalene	13.254	162	905948	37.268	ng	100
48) 2-Nitroaniline	13.454	65	298293	42.114	ng	94
49) Acenaphthylene	14.107	152	1501350	37.324	ng	99
50) Dimethylphthalate	13.837	163	1186631	37.689	ng	98
51) 2,6-Dinitrotoluene	13.960	165	255186	38.454	ng	92
52) Acenaphthene	14.454	154	866492	36.699	ng	99
53) 3-Nitroaniline	14.295	138	280912	37.624	ng	92
54) 2,4-Dinitrophenol	14.507	184	161622	45.606	ng	91
55) Dibenzofuran	14.795	168	1390056	37.238	ng	97
56) 4-Nitrophenol	14.631	139	203980	33.247	ng	93
57) 2,4-Dinitrotoluene	14.760	165	375121	39.619	ng	95
58) Fluorene	15.454	166	1089977	37.004	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.031	232	302617	37.302	ng	96
60) Diethylphthalate	15.225	149	1203289	37.612	ng	99
61) 4-Chlorophenyl-phenyle...	15.442	204	545095	37.210	ng	92
62) 4-Nitroaniline	15.478	138	292169	38.171	ng	92
63) Azobenzene	15.742	77	1099563	40.139	ng	96
65) 4,6-Dinitro-2-methylph...	15.542	198	229219	43.549	ng	88
66) n-Nitrosodiphenylamine	15.666	169	985994	38.293	ng	99
67) 4-Bromophenyl-phenylether	16.360	248	358650	38.620	ng	97
68) Hexachlorobenzene	16.478	284	414193	38.475	ng	99
69) Atrazine	16.642	200	363758	37.722	ng	97
70) Pentachlorophenol	16.837	266	257052	37.826	ng	98
71) Phenanthrene	17.231	178	1738597	37.482	ng	99
72) Anthracene	17.325	178	1786532	37.715	ng	100
73) Carbazole	17.607	167	1646785	36.909	ng	98
74) Di-n-butylphthalate	18.189	149	2115839	38.544	ng	99
75) Fluoranthene	19.319	202	2016947	36.453	ng	99
77) Benzidine	19.513	184	1001860	32.582	ng	99
78) Pyrene	19.695	202	2112303	36.069	ng	99
80) Butylbenzylphthalate	20.642	149	1004102	37.832	ng	98
81) Benzo(a)anthracene	21.613	228	2187030	36.805	ng	100
82) 3,3'-Dichlorobenzidine	21.530	252	789934	35.269	ng	99
83) Chrysene	21.683	228	2074713	37.283	ng	100
84) Bis(2-ethylhexyl)phtha...	21.554	149	1459987	37.368	ng	99
85) Di-n-octyl phthalate	22.830	149	2516449	37.446	ng	98
87) Indeno(1,2,3-cd)pyrene	28.848	276	2775500	37.727	ng	99
88) Benzo(b)fluoranthene	23.936	252	2231945	37.731	ng	99
89) Benzo(k)fluoranthene	24.019	252	2255100	38.097	ng	99
90) Benzo(a)pyrene	24.860	252	2164829	37.596	ng	98
91) Dibenzo(a,h)anthracene	28.936	278	2281525	37.949	ng	98
92) Benzo(g,h,i)perylene	30.036	276	2221640	37.593	ng	99

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

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