

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111925\
 Data File : BP026166.D
 Acq On : 19 Nov 2025 20:18
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDCCC040EC

Quant Time: Nov 20 00:56:20 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 19 01:25:31 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.666	152	277933	20.000	ng	0.00
21) Naphthalene-d8	10.437	136	1170617	20.000	ng	-0.01
39) Acenaphthene-d10	14.307	164	745701	20.000	ng	-0.02
64) Phenanthrene-d10	17.125	188	1511434	20.000	ng	0.00
76) Chrysene-d12	21.572	240	1653937	20.000	ng	0.00
86) Perylene-d12	24.895	264	1888256	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.284	112	1393604	80.482	ng	0.00
7) Phenol-d6	6.849	99	1799277	81.621	ng	0.00
23) Nitrobenzene-d5	8.807	82	1664611	80.773	ng	0.00
42) 2,4,6-Tribromophenol	15.831	330	776104	80.229	ng	0.00
45) 2-Fluorobiphenyl	12.913	172	4058838	79.772	ng	-0.02
79) Terphenyl-d14	19.860	244	6372843	78.567	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.220	88	279520	39.799	ng	99
3) Pyridine	3.614	79	821000	40.449	ng	99
4) n-Nitrosodimethylamine	3.520	42	305216	40.235	ng	95
6) Aniline	7.002	93	1174582	40.356	ng	98
8) 2-Chlorophenol	7.237	128	798110	40.493	ng	97
9) Benzaldehyde	6.819	77	531294	45.991	ng	99
10) Phenol	6.872	94	971070	40.891	ng	99
11) bis(2-Chloroethyl)ether	7.096	93	756437	40.682	ng	99
12) 1,3-Dichlorobenzene	7.560	146	851149	40.083	ng	98
13) 1,4-Dichlorobenzene	7.702	146	859764	40.181	ng	100
14) 1,2-Dichlorobenzene	8.013	146	831036	40.446	ng	100
15) Benzyl Alcohol	7.902	79	653571	40.469	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.196	45	1082156	41.440	ng	99
17) 2-Methylphenol	8.107	107	660622	40.865	ng	99
18) Hexachloroethane	8.743	117	315692	40.549	ng	97
19) n-Nitroso-di-n-propyla...	8.466	70	567960	41.473	ng	99
20) 3+4-Methylphenols	8.431	107	902396	40.283	ng	99
22) Acetophenone	8.478	105	1183616	39.779	ng	99
24) Nitrobenzene	8.849	77	840130	40.301	ng	99
25) Isophorone	9.378	82	1630034	39.897	ng	99
26) 2-Nitrophenol	9.554	139	415372	39.377	ng	99
27) 2,4-Dimethylphenol	9.619	122	762301	40.077	ng	99
28) bis(2-Chloroethoxy)met...	9.854	93	1030577	40.277	ng	99
29) 2,4-Dichlorophenol	10.090	162	756244	39.779	ng	98
30) 1,2,4-Trichlorobenzene	10.302	180	768151	39.679	ng	99
31) Naphthalene	10.484	128	2534126	40.055	ng	99
32) Benzoic acid	9.754	122	575821	35.948	ng	99
33) 4-Chloroaniline	10.590	127	1070437	39.786	ng	100
34) Hexachlorobutadiene	10.778	225	494437	39.270	ng	100
35) Caprolactam	11.372	113	268021	39.372	ng	98
36) 4-Chloro-3-methylphenol	11.719	107	815212	40.345	ng	99
37) 2-Methylnaphthalene	12.101	142	1790547	39.922	ng	99
38) 1-Methylnaphthalene	12.325	142	1759817	40.143	ng	100
40) 1,2,4,5-Tetrachloroben...	12.478	216	907585	40.251	ng	100
41) Hexachlorocyclopentadiene	12.460	237	600239	40.675	ng	100
43) 2,4,6-Trichlorophenol	12.719	196	620028	40.110	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.790	196	676886	39.228	ng	99
46) 1,1'-Biphenyl	13.125	154	2272182	40.466	ng	100
47) 2-Chloronaphthalene	13.166	162	1766661	40.011	ng	100
48) 2-Nitroaniline	13.366	65	502779	40.947	ng	97
49) Acenaphthylene	14.025	152	2950115	40.506	ng	100
50) Dimethylphthalate	13.760	163	2246256	40.331	ng	100
51) 2,6-Dinitrotoluene	13.872	165	456784	41.390	ng	100
52) Acenaphthene	14.378	154	1728979	40.508	ng	99
53) 3-Nitroaniline	14.201	138	521822	40.159	ng	97
54) 2,4-Dinitrophenol	14.419	184	252834	37.953	ng	98
55) Dibenzofuran	14.713	168	2663210	40.286	ng	100
56) 4-Nitrophenol	14.525	139	456011	38.793	ng	98
57) 2,4-Dinitrotoluene	14.672	165	683088	41.454	ng	98
58) Fluorene	15.378	166	2094069	40.076	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.942	232	581990	39.758	ng	100
60) Diethylphthalate	15.160	149	2244258	40.000	ng	99
61) 4-Chlorophenyl-phenyle...	15.378	204	1042967	40.116	ng	99
62) 4-Nitroaniline	15.395	138	547317	40.562	ng	99
63) Azobenzene	15.672	77	1941230	41.034	ng	98
65) 4,6-Dinitro-2-methylph...	15.460	198	373108	38.858	ng	99
66) n-Nitrosodiphenylamine	15.595	169	1902109	40.683	ng	99
67) 4-Bromophenyl-phenylether	16.289	248	663912	39.663	ng	98
68) Hexachlorobenzene	16.407	284	770902	39.690	ng	99
69) Atrazine	16.584	200	702512	39.846	ng	98
70) Pentachlorophenol	16.766	266	531744	39.137	ng	100
71) Phenanthrene	17.166	178	3461428	40.655	ng	100
72) Anthracene	17.260	178	3467617	39.930	ng	100
73) Carbazole	17.536	167	3327388	40.341	ng	100
74) Di-n-butylphthalate	18.148	149	3912444	40.012	ng	99
75) Fluoranthene	19.260	202	4141824	40.038	ng	100
77) Benzidine	19.454	184	2031317	38.700	ng	99
78) Pyrene	19.636	202	4322152	39.856	ng	100
80) Butylbenzylphthalate	20.595	149	1894973	39.679	ng	99
81) Benzo(a)anthracene	21.554	228	4484087	39.476	ng	100
82) 3,3'-Dichlorobenzidine	21.471	252	1599212	38.715	ng	99
83) Chrysene	21.619	228	4285886	40.036	ng	99
84) Bis(2-ethylhexyl)phtha...	21.513	149	2853697	39.473	ng	99
85) Di-n-octyl phthalate	22.795	149	4894371	38.717	ng	100
87) Indeno(1,2,3-cd)pyrene	28.677	276	5761374	40.684	ng	# 95
88) Benzo(b)fluoranthene	23.842	252	4658369	40.510	ng	100
89) Benzo(k)fluoranthene	23.913	252	4573008	39.815	ng	99
90) Benzo(a)pyrene	24.742	252	4436536	40.731	ng	100
91) Dibenzo(a,h)anthracene	28.748	278	4709365	40.624	ng	99
92) Benzo(g,h,i)perylene	29.842	276	4697194	40.766	ng	99

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

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