

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050625\
 Data File : BP024540.D
 Acq On : 06 May 2025 10:17
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDCCC040

Quant Time: May 06 13:41:54 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 18 12:04:48 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.705	152	159873	20.000	ng	-0.02
21) Naphthalene-d8	10.475	136	632107	20.000	ng	#-0.02
39) Acenaphthene-d10	14.339	164	387042	20.000	ng	-0.01
64) Phenanthrene-d10	17.139	188	762899	20.000	ng	0.00
76) Chrysene-d12	21.580	240	851557	20.000	ng	-0.01
86) Perylene-d12	24.898	264	1008561	20.000	ng	-0.04

System Monitoring Compounds						
5) 2-Fluorophenol	5.328	112	747784	77.338	ng	-0.02
7) Phenol-d6	6.899	99	952824	71.968	ng	-0.01
23) Nitrobenzene-d5	8.851	82	867321	78.239	ng	-0.02
42) 2,4,6-Tribromophenol	15.857	330	487153	90.973	ng	0.00
45) 2-Fluorobiphenyl	12.945	172	2011006	79.554	ng	-0.02
79) Terphenyl-d14	19.863	244	3331765	78.863	ng	-0.01

Target Compounds					Qvalue
2) 1,4-Dioxane	3.275	88	152025	37.172	ng 96
3) Pyridine	3.675	79	352071	32.601	ng 91
4) n-Nitrosodimethylamine	3.581	42	154888	43.215	ng 76
6) Aniline	7.046	93	386110	32.636	ng 99
8) 2-Chlorophenol	7.281	128	405922	37.602	ng 98
9) Benzaldehyde	6.863	77	256922	39.230	ng 98
10) Phenol	6.922	94	466555	35.129	ng 90
11) bis(2-Chloroethyl)ether	7.140	93	372008	34.764	ng 98
12) 1,3-Dichlorobenzene	7.593	146	437986	37.686	ng 98
13) 1,4-Dichlorobenzene	7.740	146	446429	37.859	ng 99
14) 1,2-Dichlorobenzene	8.057	146	426358	37.444	ng 98
15) Benzyl Alcohol	7.946	79	322385	37.653	ng 96
16) 2,2'-oxybis(1-Chloropr...	8.222	45	400895	34.660	ng 100
17) 2-Methylphenol	8.152	107	318132	37.028	ng 96
18) Hexachloroethane	8.769	117	166638	39.103	ng 97
19) n-Nitroso-di-n-propyla...	8.504	70	283547	34.618	ng 94
20) 3+4-Methylphenols	8.481	107	431759	36.217	ng 98
22) Acetophenone	8.522	105	596779	38.145	ng # 97
24) Nitrobenzene	8.893	77	424708	38.728	ng 98
25) Isophorone	9.416	82	743899	37.074	ng 98
26) 2-Nitrophenol	9.599	139	227996	42.484	ng 96
27) 2,4-Dimethylphenol	9.663	122	259698	38.539	ng 97
28) bis(2-Chloroethoxy)met...	9.893	93	480141	35.422	ng 98
29) 2,4-Dichlorophenol	10.140	162	374212	40.729	ng 98
30) 1,2,4-Trichlorobenzene	10.340	180	397310	40.360	ng 99
31) Naphthalene	10.522	128	1282685	38.523	ng 99
32) Benzoic acid	9.822	122	286904m	36.540	ng
33) 4-Chloroaniline	10.646	127	440508	37.567	ng 99
34) Hexachlorobutadiene	10.804	225	248860	43.020	ng 99
35) Caprolactam	11.440	113	127992	37.754	ng 97
36) 4-Chloro-3-methylphenol	11.781	107	424537	39.670	ng 100
37) 2-Methylnaphthalene	12.134	142	875375	37.908	ng 97
38) 1-Methylnaphthalene	12.357	142	852533	37.739	ng 98
40) 1,2,4,5-Tetrachloroben...	12.510	216	443546	41.672	ng 100
41) Hexachlorocyclopentadiene	12.487	237	154429	41.024	ng 99
43) 2,4,6-Trichlorophenol	12.757	196	296235	41.862	ng 98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.851	196	327050	41.735	ng	99
46) 1,1'-Biphenyl	13.157	154	1118780	39.325	ng	99
47) 2-Chloronaphthalene	13.198	162	844443	39.714	ng	98
48) 2-Nitroaniline	13.416	65	249517	41.835	ng	94
49) Acenaphthylene	14.057	152	1290957	38.563	ng	99
50) Dimethylphthalate	13.792	163	1079826	38.365	ng	100
51) 2,6-Dinitrotoluene	13.910	165	241315	40.375	ng	93
52) Acenaphthene	14.404	154	806835	38.017	ng	100
53) 3-Nitroaniline	14.251	138	240113	38.224	ng	100
54) 2,4-Dinitrophenol	14.469	184	137626	39.091	ng	88
55) Dibenzofuran	14.745	168	1305830	37.642	ng	95
56) 4-Nitrophenol	14.610	139	189138m	34.863	ng	
57) 2,4-Dinitrotoluene	14.722	165	337968	41.453	ng	98
58) Fluorene	15.410	166	1043749	38.866	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.986	232	290927	40.253	ng	97
60) Diethylphthalate	15.181	149	1135541	39.149	ng	100
61) 4-Chlorophenyl-phenyle...	15.404	204	520251	39.894	ng	96
62) 4-Nitroaniline	15.439	138	260176	39.125	ng	87
63) Azobenzene	15.704	77	994386	37.300	ng	96
65) 4,6-Dinitro-2-methylph...	15.498	198	190456	39.598	ng	95
66) n-Nitrosodiphenylamine	15.628	169	877896	38.554	ng	99
67) 4-Bromophenyl-phenylether	16.316	248	347590	41.659	ng	98
68) Hexachlorobenzene	16.428	284	422786	42.643	ng	98
69) Atrazine	16.598	200	213423	36.800	ng	98
70) Pentachlorophenol	16.786	266	290763	42.038	ng	99
71) Phenanthrene	17.186	178	1580153	37.968	ng	99
72) Anthracene	17.280	178	1574277	39.248	ng	100
73) Carbazole	17.569	167	1521439	38.820	ng	98
74) Di-n-butylphthalate	18.145	149	1988010	40.715	ng	100
75) Fluoranthene	19.269	202	1955487	39.506	ng	98
77) Benzidine	19.480	184	335953	31.123	ng	98
78) Pyrene	19.645	202	1987447	36.725	ng	100
80) Butylbenzylphthalate	20.592	149	928290	40.047	ng	99
81) Benzo(a)anthracene	21.563	228	2042490	38.589	ng	100
82) 3,3'-Dichlorobenzidine	21.480	252	733143	39.464	ng	99
83) Chrysene	21.627	228	1954651	38.547	ng	99
84) Bis(2-ethylhexyl)phtha...	21.492	149	1356524	39.920	ng	100
85) Di-n-octyl phthalate	22.768	149	2338603	42.333	ng	100
87) Indeno(1,2,3-cd)pyrene	28.686	276	2760648	39.427	ng	# 69
88) Benzo(b)fluoranthene	23.862	252	2338497m	38.682	ng	
89) Benzo(k)fluoranthene	23.933	252	2156128	36.923	ng	98
90) Benzo(a)pyrene	24.751	252	2020791	38.752	ng	98
91) Dibenzo(a,h)anthracene	28.762	278	2265399	38.980	ng	98
92) Benzo(g,h,i)perylene	29.868	276	2312588m	39.093	ng	

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

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