

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041525\
 Data File : BP024286.D
 Acq On : 15 Apr 2025 09:15
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDCCC040

Quant Time: Apr 15 12:31:48 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 15 04:48:42 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.722	152	199585	20.000	ng	0.00
21) Naphthalene-d8	10.504	136	862277	20.000	ng	0.00
39) Acenaphthene-d10	14.369	164	550276	20.000	ng	0.00
64) Phenanthrene-d10	17.175	188	1098268	20.000	ng	0.00
76) Chrysene-d12	21.633	240	1220272	20.000	ng	0.01
86) Perylene-d12	24.998	264	1377056	20.000	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.346	112	967119	80.121	ng	0.00
7) Phenol-d6	6.910	99	1344099	81.321	ng	0.00
23) Nitrobenzene-d5	8.875	82	1249631	82.636	ng	0.00
42) 2,4,6-Tribromophenol	15.886	330	597110	78.429	ng	0.00
45) 2-Fluorobiphenyl	12.975	172	2800308	77.917	ng	0.00
79) Terphenyl-d14	19.898	244	4616121	76.249	ng	-0.02

Target Compounds					Qvalue
2) 1,4-Dioxane	3.293	88	204846	40.121	ng 98
3) Pyridine	3.687	79	538574	39.948	ng 99
4) n-Nitrosodimethylamine	3.593	42	190675	42.615	ng 92
6) Aniline	7.063	93	608779	41.219	ng 99
8) 2-Chlorophenol	7.299	128	541492	40.179	ng 98
9) Benzaldehyde	6.881	77	298332	36.489	ng 100
10) Phenol	6.934	94	671493	40.499	ng 96
11) bis(2-Chloroethyl)ether	7.157	93	523245	39.168	ng 97
12) 1,3-Dichlorobenzene	7.616	146	565834	38.999	ng 99
13) 1,4-Dichlorobenzene	7.757	146	577976	39.262	ng 99
14) 1,2-Dichlorobenzene	8.075	146	559550	39.364	ng 100
15) Benzyl Alcohol	7.963	79	444416	41.577	ng 98
16) 2,2'-oxybis(1-Chloropr...	8.252	45	582872	40.366	ng 100
17) 2-Methylphenol	8.169	107	437150	40.756	ng 98
18) Hexachloroethane	8.799	117	216665	40.726	ng 99
19) n-Nitroso-di-n-propyla...	8.522	70	429265	41.980	ng 98
20) 3+4-Methylphenols	8.493	107	608284	40.872	ng 99
22) Acetophenone	8.540	105	862849	40.430	ng 99
24) Nitrobenzene	8.910	77	604573	40.414	ng 98
25) Isophorone	9.434	82	1110870	40.584	ng 100
26) 2-Nitrophenol	9.616	139	295609	40.379	ng 96
27) 2,4-Dimethylphenol	9.681	122	365616	39.774	ng 97
28) bis(2-Chloroethoxy)met...	9.910	93	722933	39.097	ng 99
29) 2,4-Dichlorophenol	10.157	162	497499	39.693	ng 99
30) 1,2,4-Trichlorobenzene	10.363	180	516309	38.448	ng 99
31) Naphthalene	10.546	128	1811203	39.875	ng 99
32) Benzoic acid	9.828	122	410404m	38.316	ng
33) 4-Chloroaniline	10.663	127	652999	40.824	ng 99
34) Hexachlorobutadiene	10.840	225	310553	39.355	ng 99
35) Caprolactam	11.451	113	183448	39.667	ng 94
36) 4-Chloro-3-methylphenol	11.793	107	590426	40.444	ng 98
37) 2-Methylnaphthalene	12.163	142	1238578	39.319	ng 98
38) 1-Methylnaphthalene	12.387	142	1211413	39.311	ng 99
40) 1,2,4,5-Tetrachloroben...	12.534	216	579363	38.286	ng 99
41) Hexachlorocyclopentadiene	12.516	237	219354	40.985	ng 99
43) 2,4,6-Trichlorophenol	12.781	196	390525	38.816	ng 97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.851	196	431718	38.749	ng	99
46) 1,1'-Biphenyl	13.181	154	1567405	38.751	ng	99
47) 2-Chloronaphthalene	13.222	162	1184423	39.180	ng	99
48) 2-Nitroaniline	13.434	65	363537	42.871	ng	92
49) Acenaphthylene	14.086	152	1886366	39.633	ng	100
50) Dimethylphthalate	13.822	163	1533995	38.333	ng	99
51) 2,6-Dinitrotoluene	13.939	165	334795	39.399	ng	99
52) Acenaphthene	14.434	154	1168489	38.725	ng	100
53) 3-Nitroaniline	14.269	138	371520	41.599	ng	98
54) 2,4-Dinitrophenol	14.481	184	192773	38.513	ng	93
55) Dibenzofuran	14.775	168	1898837	38.499	ng	99
56) 4-Nitrophenol	14.598	139	320926	41.607	ng	96
57) 2,4-Dinitrotoluene	14.739	165	470843	40.619	ng	98
58) Fluorene	15.434	166	1505136	39.421	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.010	232	391932	38.142	ng	97
60) Diethylphthalate	15.198	149	1620657	39.300	ng	99
61) 4-Chlorophenyl-phenyle...	15.428	204	716674	38.653	ng	100
62) 4-Nitroaniline	15.457	138	393243	41.593	ng	96
63) Azobenzene	15.728	77	1564548	41.278	ng	97
65) 4,6-Dinitro-2-methylph...	15.522	198	269682	38.948	ng	93
66) n-Nitrosodiphenylamine	15.651	169	1279424	39.030	ng	100
67) 4-Bromophenyl-phenylether	16.345	248	469433	39.082	ng	97
68) Hexachlorobenzene	16.463	284	549874	38.525	ng	97
69) Atrazine	16.639	200	258675	30.983	ng	100
70) Pentachlorophenol	16.816	266	383527	38.517	ng	98
71) Phenanthrene	17.216	178	2340361	39.062	ng	100
72) Anthracene	17.316	178	2291658	39.686	ng	99
73) Carbazole	17.604	167	2268807	40.212	ng	100
74) Di-n-butylphthalate	18.192	149	2866742	40.783	ng	99
75) Fluoranthene	19.316	202	2860265	40.140	ng	98
77) Benzidine	19.516	184	893877	57.789	ng	100
78) Pyrene	19.692	202	2922904	37.691	ng	99
80) Butylbenzylphthalate	20.633	149	1356742	40.846	ng	99
81) Benzo(a)anthracene	21.616	228	2960327	39.030	ng	100
82) 3,3'-Dichlorobenzidine	21.527	252	1050080	39.445	ng	99
83) Chrysene	21.680	228	2866058	39.442	ng	100
84) Bis(2-ethylhexyl)phtha...	21.545	149	2017264	41.427	ng	98
85) Di-n-octyl phthalate	22.839	149	3293035	41.599	ng	99
87) Indeno(1,2,3-cd)pyrene	28.815	276	3848387	40.255	ng	99
88) Benzo(b)fluoranthene	23.933	252	3302389	40.009	ng	99
89) Benzo(k)fluoranthene	24.010	252	3154333	39.562	ng	99
90) Benzo(a)pyrene	24.845	252	2865328	40.243	ng	99
91) Dibenzo(a,h)anthracene	28.897	278	3201502	40.346	ng	98
92) Benzo(g,h,i)perylene	29.992	276	3243826	40.162	ng	98

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

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