

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041025\
 Data File : BP024245.D
 Acq On : 10 Apr 2025 09:46
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDCCC040

Quant Time: Apr 10 11:43:59 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 10 11:43:37 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.746	152	322953	20.000	ng	0.00
21) Naphthalene-d8	10.528	136	1317784	20.000	ng	0.00
39) Acenaphthene-d10	14.392	164	792808	20.000	ng	0.00
64) Phenanthrene-d10	17.192	188	1512089	20.000	ng	0.00
76) Chrysene-d12	21.645	240	1553360	20.000	ng	0.00
86) Perylene-d12	25.009	264	1762598	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	1663996	82.248	ng	0.00
7) Phenol-d6	6.928	99	2224675	82.228	ng	0.00
23) Nitrobenzene-d5	8.893	82	1928757	82.580	ng	0.00
42) 2,4,6-Tribromophenol	15.898	330	916378	91.762	ng	0.00
45) 2-Fluorobiphenyl	12.998	172	4361802	81.124	ng	0.00
79) Terphenyl-d14	19.916	244	6251322	83.072	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.305	88	317274	39.562	ng	98
3) Pyridine	3.699	79	878247	40.059	ng	99
4) n-Nitrosodimethylamine	3.605	42	296971	40.550	ng	98
6) Aniline	7.081	93	1033633	41.933	ng	99
8) 2-Chlorophenol	7.316	128	898244	41.104	ng	98
9) Benzaldehyde	6.899	77	487196	37.315	ng	99
10) Phenol	6.957	94	1111148	40.683	ng	100
11) bis(2-Chloroethyl)ether	7.175	93	868445	40.321	ng	99
12) 1,3-Dichlorobenzene	7.634	146	955885	40.562	ng	99
13) 1,4-Dichlorobenzene	7.781	146	973547	40.461	ng	99
14) 1,2-Dichlorobenzene	8.099	146	932097	40.368	ng	99
15) Benzyl Alcohol	7.987	79	738749	43.130	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.263	45	914091	41.583	ng	97
17) 2-Methylphenol	8.187	107	722321	42.175	ng	99
18) Hexachloroethane	8.822	117	347698	40.730	ng	96
19) n-Nitroso-di-n-propyla...	8.546	70	658424	41.949	ng	99
20) 3+4-Methylphenols	8.516	107	995787	42.320	ng	99
22) Acetophenone	8.563	105	1355481	40.685	ng	# 99
24) Nitrobenzene	8.934	77	960124	41.671	ng	100
25) Isophorone	9.463	82	1703432	42.547	ng	99
26) 2-Nitrophenol	9.646	139	500483	45.474	ng	99
27) 2,4-Dimethylphenol	9.710	122	594202	41.987	ng	98
28) bis(2-Chloroethoxy)met...	9.940	93	1137398	40.382	ng	100
29) 2,4-Dichlorophenol	10.181	162	814063	42.522	ng	100
30) 1,2,4-Trichlorobenzene	10.387	180	860235	40.670	ng	100
31) Naphthalene	10.581	128	2856444	40.891	ng	100
32) Benzoic acid	9.851	122	691798	50.123	ng	98
33) 4-Chloroaniline	10.687	127	1051754	42.073	ng	100
34) Hexachlorobutadiene	10.863	225	504623	41.454	ng	99
35) Caprolactam	11.475	113	282742	45.063	ng	99
36) 4-Chloro-3-methylphenol	11.822	107	900969	43.625	ng	100
37) 2-Methylnaphthalene	12.192	142	1941032	41.131	ng	99
38) 1-Methylnaphthalene	12.410	142	1890383	41.185	ng	100
40) 1,2,4,5-Tetrachloroben...	12.563	216	937630	40.913	ng	100
41) Hexachlorocyclopentadiene	12.545	237	349194	42.270	ng	99
43) 2,4,6-Trichlorophenol	12.804	196	635900	43.661	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.887	196	693624	43.426	ng	99
46) 1,1'-Biphenyl	13.210	154	2450643	41.135	ng	99
47) 2-Chloronaphthalene	13.251	162	1845112	41.175	ng	99
48) 2-Nitroaniline	13.463	65	519593	45.334	ng	99
49) Acenaphthylene	14.104	152	2875894	42.414	ng	100
50) Dimethylphthalate	13.839	163	2310321	41.647	ng	100
51) 2,6-Dinitrotoluene	13.957	165	506104	43.361	ng	99
52) Acenaphthene	14.457	154	1772003	40.903	ng	100
53) 3-Nitroaniline	14.292	138	543780	43.135	ng	98
54) 2,4-Dinitrophenol	14.504	184	297121	48.109	ng	99
55) Dibenzofuran	14.792	168	2902971	41.368	ng	98
56) 4-Nitrophenol	14.616	139	477043	45.287	ng	98
57) 2,4-Dinitrotoluene	14.763	165	697046	45.211	ng	94
58) Fluorene	15.457	166	2222287	40.645	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.022	232	610555	43.265	ng	99
60) Diethylphthalate	15.228	149	2367427	42.855	ng	100
61) 4-Chlorophenyl-phenyle...	15.457	204	1073818	40.043	ng	98
62) 4-Nitroaniline	15.475	138	579400	43.821	ng	99
63) Azobenzene	15.751	77	2182266	41.912	ng	99
65) 4,6-Dinitro-2-methylph...	15.533	198	403124	44.908	ng	99
66) n-Nitrosodiphenylamine	15.669	169	1896523	41.303	ng	99
67) 4-Bromophenyl-phenylether	16.357	248	703604	42.382	ng	99
68) Hexachlorobenzene	16.480	284	821506	41.808	ng	98
69) Atrazine	16.639	200	493895	44.564	ng	98
70) Pentachlorophenol	16.839	266	593155	46.679	ng	99
71) Phenanthrene	17.239	178	3367198	40.763	ng	99
72) Anthracene	17.322	178	3338895	41.501	ng	100
73) Carbazole	17.610	167	3232369	41.661	ng	99
74) Di-n-butylphthalate	18.204	149	4065165	44.136	ng	99
75) Fluoranthene	19.321	202	3952330	41.312	ng	99
77) Benzidine	19.521	184	1226948	72.243	ng	99
78) Pyrene	19.698	202	4081765	42.267	ng	100
80) Butylbenzylphthalate	20.645	149	1880429	47.218	ng	98
81) Benzo(a)anthracene	21.621	228	4003511	41.454	ng	100
82) 3,3'-Dichlorobenzidine	21.539	252	1504299	46.475	ng	100
83) Chrysene	21.692	228	3795154	40.878	ng	99
84) Bis(2-ethylhexyl)phtha...	21.557	149	2752546	45.806	ng	# 99
85) Di-n-octyl phthalate	22.845	149	4728701	49.115	ng	100
87) Indeno(1,2,3-cd)pyrene	28.839	276	5097812	41.440	ng	94
88) Benzo(b)fluoranthene	23.939	252	4369312	41.114	ng	98
89) Benzo(k)fluoranthene	24.015	252	4169608	40.109	ng	100
90) Benzo(a)pyrene	24.851	252	3811205	41.241	ng	100
91) Dibenzo(a,h)anthracene	28.921	278	4203848	41.076	ng	99
92) Benzo(g,h,i)perylene	30.009	276	4239375	40.749	ng	98

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

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