

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042225\
 Data File : BP024375.D
 Acq On : 22 Apr 2025 12:35
 Operator : RC/JU
 Sample : PB167670BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB167670BS

Quant Time: Apr 22 12:54:24 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	7.722	152	296992	20.000	ng	0.00
21) Naphthalene-d8	10.493	136	1162474	20.000	ng	0.00
39) Acenaphthene-d10	14.351	164	680326	20.000	ng	0.00
64) Phenanthrene-d10	17.151	188	1227109	20.000	ng	0.00
76) Chrysene-d12	21.610	240	1128640	20.000	ng	0.02
86) Perylene-d12	24.951	264	1292460	20.000	ng	0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.346	112	2467864	137.394	ng	0.00
7) Phenol-d6	6.910	99	3002533	122.080	ng	0.00
23) Nitrobenzene-d5	8.869	82	1846802	90.589	ng	0.00
42) 2,4,6-Tribromophenol	15.869	330	1302633	138.391	ng	0.00
45) 2-Fluorobiphenyl	12.963	172	4076997	91.755	ng	0.00
79) Terphenyl-d14	19.880	244	5423767	96.863	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	3.293	88	288273	37.943	ng 98
3) Pyridine	3.687	79	741023	36.937	ng 98
4) n-Nitrosodimethylamine	3.593	42	306893	46.093	ng 90
6) Aniline	7.063	93	841427	38.285	ng 100
8) 2-Chlorophenol	7.299	128	921922	45.971	ng 100
9) Benzaldehyde	6.875	77	453091	37.242	ng 99
10) Phenol	6.940	94	1093874	44.336	ng 96
11) bis(2-Chloroethyl)ether	7.158	93	844213	42.468	ng 99
12) 1,3-Dichlorobenzene	7.610	146	967119	44.795	ng 99
13) 1,4-Dichlorobenzene	7.757	146	973261	44.430	ng 99
14) 1,2-Dichlorobenzene	8.069	146	936257	44.263	ng 98
15) Benzyl Alcohol	7.963	79	739814	46.513	ng 99
16) 2,2'-oxybis(1-Chloropr...	8.234	45	959765	44.668	ng 100
17) 2-Methylphenol	8.169	107	744492	46.645	ng 98
18) Hexachloroethane	8.787	117	367102	46.372	ng 100
19) n-Nitroso-di-n-propyla...	8.522	70	613911	40.347	ng 98
20) 3+4-Methylphenols	8.493	107	992405	44.812	ng 99
22) Acetophenone	8.534	105	1270302	44.151	ng # 99
24) Nitrobenzene	8.910	77	923471	45.790	ng 98
25) Isophorone	9.434	82	1732824	46.958	ng 99
26) 2-Nitrophenol	9.616	139	481576	48.794	ng 97
27) 2,4-Dimethylphenol	9.681	122	816450	65.883	ng 99
28) bis(2-Chloroethoxy)met...	9.910	93	1113451	44.666	ng 100
29) 2,4-Dichlorophenol	10.151	162	811638	48.034	ng 99
30) 1,2,4-Trichlorobenzene	10.357	180	835747	46.164	ng 99
31) Naphthalene	10.546	128	2644366	43.184	ng 100
32) Benzoic acid	9.846	122	566275	39.216	ng 99
33) 4-Chloroaniline	10.657	127	351138	16.283	ng 99
34) Hexachlorobutadiene	10.828	225	522662	49.130	ng 99
35) Caprolactam	11.457	113	255593	40.995	ng 99
36) 4-Chloro-3-methylphenol	11.793	107	873957	44.406	ng 100
37) 2-Methylnaphthalene	12.157	142	1667944	39.276	ng 98
38) 1-Methylnaphthalene	12.375	142	1725108	41.524	ng 100
40) 1,2,4,5-Tetrachloroben...	12.528	216	895910	47.886	ng # 98
41) Hexachlorocyclopentadiene	12.504	237	1359386	205.442	ng 100
43) 2,4,6-Trichlorophenol	12.775	196	621227	49.943	ng 97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.851	196	676236	49.094	ng	99
46) 1,1'-Biphenyl	13.175	154	2291148	45.816	ng	99
47) 2-Chloronaphthalene	13.210	162	1724702	46.146	ng	99
48) 2-Nitroaniline	13.428	65	504817	48.152	ng	99
49) Acenaphthylene	14.069	152	2861256	48.624	ng	100
50) Dimethylphthalate	13.810	163	2208879	44.647	ng	100
51) 2,6-Dinitrotoluene	13.928	165	481380	45.820	ng	97
52) Acenaphthene	14.416	154	1663033	44.579	ng	100
53) 3-Nitroaniline	14.263	138	364456	33.007	ng	98
54) 2,4-Dinitrophenol	14.475	184	603945	97.593	ng	96
55) Dibenzofuran	14.757	168	2570466	42.154	ng	98
56) 4-Nitrophenol	14.592	139	846864	88.805	ng	96
57) 2,4-Dinitrotoluene	14.728	165	678434	47.340	ng	97
58) Fluorene	15.416	166	2064544	43.736	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.992	232	574307	45.206	ng	98
60) Diethylphthalate	15.192	149	2199715	43.145	ng	100
61) 4-Chlorophenyl-phenyle...	15.416	204	1040302	45.383	ng	99
62) 4-Nitroaniline	15.439	138	504055	43.122	ng	93
63) Azobenzene	15.710	77	2003149	42.747	ng	98
65) 4,6-Dinitro-2-methylph...	15.504	198	374953	48.466	ng	95
66) n-Nitrosodiphenylamine	15.634	169	1783675	48.699	ng	99
67) 4-Bromophenyl-phenylether	16.322	248	663388	49.430	ng	99
68) Hexachlorobenzene	16.445	284	785330	49.245	ng	99
69) Atrazine	16.610	200	608746	65.257	ng	98
70) Pentachlorophenol	16.798	266	1051056	94.474	ng	99
71) Phenanthrene	17.192	178	3024856	45.186	ng	100
72) Anthracene	17.286	178	3062710	47.470	ng	100
73) Carbazole	17.575	167	2781556	44.124	ng	100
74) Di-n-butylphthalate	18.157	149	3573453	45.499	ng	100
75) Fluoranthene	19.286	202	3342481	41.982	ng	98
77) Benzidine	19.486	184	1632479	114.108	ng	100
78) Pyrene	19.663	202	3390853	47.275	ng	99
80) Butylbenzylphthalate	20.622	149	1572467	51.184	ng	96
81) Benzo(a)anthracene	21.586	228	3310152	47.186	ng	100
82) 3,3'-Dichlorobenzidine	21.510	252	803698	32.641	ng	99
83) Chrysene	21.657	228	3050917	45.395	ng	100
84) Bis(2-ethylhexyl)phtha...	21.527	149	2246887	49.889	ng	100
85) Di-n-octyl phthalate	22.804	149	3825521	52.248	ng	100
87) Indeno(1,2,3-cd)pyrene	28.762	276	4452101m	49.618	ng	
88) Benzo(b)fluoranthene	23.898	252	3452839	44.569	ng	99
89) Benzo(k)fluoranthene	23.974	252	3425130	45.770	ng	98
90) Benzo(a)pyrene	24.798	252	3347015	50.085	ng	99
91) Dibenzo(a,h)anthracene	28.839	278	3693865	49.597	ng	99
92) Benzo(g,h,i)perylene	29.945	276	3601965	47.515	ng	98

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

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