

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041125\
 Data File : BP024261.D
 Acq On : 11 Apr 2025 11:04
 Operator : RC/JU
 Sample : PB167537BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB167537BS

Quant Time: Apr 11 11:44:22 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	7.757	152	252310	20.000	ng	0.01
21) Naphthalene-d8	10.534	136	1001041	20.000	ng	0.00
39) Acenaphthene-d10	14.387	164	619477	20.000	ng	0.00
64) Phenanthrene-d10	17.192	188	1216306	20.000	ng	0.00
76) Chrysene-d12	21.639	240	1332930	20.000	ng	0.00
86) Perylene-d12	25.015	264	1494830	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	2457503	155.478	ng	0.02
7) Phenol-d6	6.946	99	3088087	146.100	ng	0.02
23) Nitrobenzene-d5	8.904	82	1808569	101.935	ng	0.01
42) 2,4,6-Tribromophenol	15.904	330	1304316	167.154	ng	0.00
45) 2-Fluorobiphenyl	13.004	172	3979657	94.727	ng	0.00
79) Terphenyl-d14	19.916	244	6678080	103.419	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.317	88	275740	44.010	ng	96
3) Pyridine	3.705	79	729965	42.618	ng	97
4) n-Nitrosodimethylamine	3.616	42	284386	49.704	ng	99
6) Aniline	7.093	93	756103	39.262	ng	99
8) 2-Chlorophenol	7.328	128	883003	51.719	ng	98
9) Benzaldehyde	6.910	77	381416	37.393	ng	98
10) Phenol	6.969	94	1106401	51.852	ng	99
11) bis(2-Chloroethyl)ether	7.187	93	821599	48.826	ng	98
12) 1,3-Dichlorobenzene	7.652	146	919609	49.948	ng	100
13) 1,4-Dichlorobenzene	7.793	146	928493	49.392	ng	98
14) 1,2-Dichlorobenzene	8.110	146	890037	49.339	ng	99
15) Benzyl Alcohol	7.999	79	699969	52.308	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.275	45	906561	52.787	ng	96
17) 2-Methylphenol	8.199	107	728420	54.439	ng	99
18) Hexachloroethane	8.828	117	335774	50.346	ng	98
19) n-Nitroso-di-n-propyla...	8.557	70	598100	48.775	ng	98
20) 3+4-Methylphenols	8.528	107	988752	53.787	ng	98
22) Acetophenone	8.575	105	1224869	48.398	ng	# 99
24) Nitrobenzene	8.951	77	895136	51.143	ng	100
25) Isophorone	9.475	82	1672734	55.000	ng	100
26) 2-Nitrophenol	9.651	139	452073	54.073	ng	99
27) 2,4-Dimethylphenol	9.716	122	809364	75.286	ng	98
28) bis(2-Chloroethoxy)met...	9.946	93	1078110	50.389	ng	99
29) 2,4-Dichlorophenol	10.187	162	773936	53.217	ng	98
30) 1,2,4-Trichlorobenzene	10.398	180	791203	49.242	ng	98
31) Naphthalene	10.587	128	2549853	48.052	ng	100
32) Benzoic acid	9.869	122	602900	57.503	ng	99
33) 4-Chloroaniline	10.698	127	353588	18.620	ng	99
34) Hexachlorobutadiene	10.869	225	462030	49.964	ng	99
35) Caprolactam	11.487	113	274543	57.601	ng	97
36) 4-Chloro-3-methylphenol	11.828	107	867963	55.324	ng	98
37) 2-Methylnaphthalene	12.198	142	1589529	44.340	ng	99
38) 1-Methylnaphthalene	12.416	142	1699342	48.737	ng	99
40) 1,2,4,5-Tetrachloroben...	12.569	216	852812	47.624	ng	99
41) Hexachlorocyclopentadiene	12.551	237	1234479	191.246	ng	98
43) 2,4,6-Trichlorophenol	12.810	196	611555	53.738	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.887	196	673077	53.930	ng	98
46) 1,1'-Biphenyl	13.216	154	2235200	48.016	ng	99
47) 2-Chloronaphthalene	13.257	162	1707493	48.766	ng	99
48) 2-Nitroaniline	13.463	65	519695	58.030	ng	98
49) Acenaphthylene	14.110	152	2903889	54.810	ng	100
50) Dimethylphthalate	13.845	163	2225271	51.337	ng	100
51) 2,6-Dinitrotoluene	13.963	165	490016	53.729	ng	99
52) Acenaphthene	14.451	154	1650394	48.755	ng	99
53) 3-Nitroaniline	14.298	138	269754	27.385	ng	97
54) 2,4-Dinitrophenol	14.504	184	646648	133.999	ng	95
55) Dibenzofuran	14.792	168	2622316	47.825	ng	98
56) 4-Nitrophenol	14.622	139	1034475	125.684	ng	96
57) 2,4-Dinitrotoluene	14.757	165	715389	59.384	ng	98
58) Fluorene	15.451	166	2154829	50.439	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.022	232	586898	53.225	ng	97
60) Diethylphthalate	15.228	149	2269853	52.585	ng	99
61) 4-Chlorophenyl-phenyle...	15.451	204	1029595	49.137	ng	98
62) 4-Nitroaniline	15.481	138	567626	54.943	ng	99
63) Azobenzene	15.745	77	2066101	50.784	ng	99
65) 4,6-Dinitro-2-methylph...	15.539	198	410813	56.894	ng	100
66) n-Nitrosodiphenylamine	15.669	169	1886274	51.070	ng	100
67) 4-Bromophenyl-phenylether	16.357	248	664537	49.763	ng	99
68) Hexachlorobenzene	16.481	284	796254	50.378	ng	99
69) Atrazine	16.645	200	672316	75.415	ng	99
70) Pentachlorophenol	16.839	266	1170265	114.492	ng	99
71) Phenanthrene	17.233	178	3387175	50.976	ng	100
72) Anthracene	17.328	178	3418770	52.827	ng	99
73) Carbazole	17.604	167	3357130	53.791	ng	99
74) Di-n-butylphthalate	18.198	149	4057764	54.769	ng	100
75) Fluoranthene	19.316	202	4030536	52.374	ng	99
77) Benzidine	19.510	184	1601060	109.861	ng	99
78) Pyrene	19.692	202	4153154	50.118	ng	100
80) Butylbenzylphthalate	20.645	149	1940623	56.788	ng	99
81) Benzo(a)anthracene	21.621	228	4365233	52.675	ng	100
82) 3,3'-Dichlorobenzidine	21.545	252	1067282	38.426	ng	99
83) Chrysene	21.692	228	4032865	50.622	ng	99
84) Bis(2-ethylhexyl)phtha...	21.557	149	2814005	54.573	ng	99
85) Di-n-octyl phthalate	22.845	149	4816817	58.304	ng	100
87) Indeno(1,2,3-cd)pyrene	28.856	276	5522835	52.938	ng	94
88) Benzo(b)fluoranthene	23.939	252	4588615	50.912	ng	98
89) Benzo(k)fluoranthene	24.015	252	4470670	50.709	ng	99
90) Benzo(a)pyrene	24.857	252	4367049	55.721	ng	99
91) Dibenzo(a,h)anthracene	28.939	278	4544623	52.360	ng	99
92) Benzo(g,h,i)perylene	30.027	276	4376784	49.606	ng	98

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

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