

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031225\
 Data File : BP024168.D
 Acq On : 12 Mar 2025 21:43
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 ICVP031225

Quant Time: Mar 13 04:44:21 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 13 04:38:17 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.769	152	399821	20.000	ng	0.00
21) Naphthalene-d8	10.552	136	1631941	20.000	ng	0.00
39) Acenaphthene-d10	14.404	164	966525	20.000	ng	0.00
64) Phenanthrene-d10	17.204	188	1810172	20.000	ng	0.00
76) Chrysene-d12	21.669	240	1903114	20.000	ng	0.01
86) Perylene-d12	25.069	264	2127367	20.000	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	1959434	78.230	ng	0.00
7) Phenol-d6	6.952	99	2636154	78.704	ng	0.00
23) Nitrobenzene-d5	8.922	82	2274955	78.652	ng	0.00
42) 2,4,6-Tribromophenol	15.922	330	995466	81.766	ng	0.00
45) 2-Fluorobiphenyl	13.022	172	5105223	77.885	ng	0.00
79) Terphenyl-d14	19.933	244	7241807	78.549	ng	0.01

Target Compounds					Qvalue
2) 1,4-Dioxane	3.317	88	376087	37.880	ng 99
3) Pyridine	3.717	79	1050879	38.718	ng 99
4) n-Nitrosodimethylamine	3.623	42	350385	38.646	ng 98
6) Aniline	7.111	93	1202738	39.413	ng 100
8) 2-Chlorophenol	7.346	128	1059150	39.149	ng 100
9) Benzaldehyde	6.922	77	652848	40.389	ng 99
10) Phenol	6.981	94	1314283	38.869	ng 99
11) bis(2-Chloroethyl)ether	7.199	93	1018670	38.203	ng 99
12) 1,3-Dichlorobenzene	7.664	146	1118950	38.353	ng 99
13) 1,4-Dichlorobenzene	7.805	146	1130770	37.960	ng 99
14) 1,2-Dichlorobenzene	8.122	146	1089564	38.116	ng 100
15) Benzyl Alcohol	8.011	79	848187	39.999	ng 100
16) 2,2'-oxybis(1-Chloropr...	8.299	45	1043834	38.356	ng 99
17) 2-Methylphenol	8.216	107	840413	39.636	ng 100
18) Hexachloroethane	8.846	117	407804	38.587	ng 98
19) n-Nitroso-di-n-propyla...	8.575	70	771380	39.697	ng 99
20) 3+4-Methylphenols	8.540	107	1154401	39.629	ng 100
22) Acetophenone	8.587	105	1593044	38.611	ng 100
24) Nitrobenzene	8.963	77	1114096	39.045	ng 99
25) Isophorone	9.487	82	1967247	39.677	ng 99
26) 2-Nitrophenol	9.669	139	570971	41.892	ng 98
27) 2,4-Dimethylphenol	9.734	122	697163	39.779	ng 98
28) bis(2-Chloroethoxy)met...	9.963	93	1346656	38.608	ng 100
29) 2,4-Dichlorophenol	10.205	162	961583	40.558	ng 99
30) 1,2,4-Trichlorobenzene	10.416	180	1002302	38.264	ng 99
31) Naphthalene	10.605	128	3306535	38.223	ng 100
32) Benzoic acid	9.881	122	745543	43.618	ng 98
33) 4-Chloroaniline	10.710	127	1222820	39.499	ng 100
34) Hexachlorobutadiene	10.887	225	585728	38.854	ng 98
35) Caprolactam	11.499	113	317484	40.859	ng 97
36) 4-Chloro-3-methylphenol	11.840	107	1015423	39.702	ng 99
37) 2-Methylnaphthalene	12.210	142	2265320	38.762	ng 99
38) 1-Methylnaphthalene	12.434	142	2209719	38.874	ng 99
40) 1,2,4,5-Tetrachloroben...	12.581	216	1089303	38.988	ng 100
41) Hexachlorocyclopentadiene	12.569	237	413181	41.026	ng 100
43) 2,4,6-Trichlorophenol	12.828	196	727105	40.950	ng 99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.904	196	798076	40.985	ng	98
46) 1,1'-Biphenyl	13.228	154	2821370	38.846	ng	99
47) 2-Chloronaphthalene	13.269	162	2130879	39.006	ng	100
48) 2-Nitroaniline	13.475	65	574806	41.137	ng	99
49) Acenaphthylene	14.122	152	3245488	39.262	ng	100
50) Dimethylphthalate	13.863	163	2606961	38.548	ng	99
51) 2,6-Dinitrotoluene	13.975	165	563651	39.611	ng	98
52) Acenaphthene	14.475	154	2053476	38.881	ng	98
53) 3-Nitroaniline	14.310	138	625803	40.719	ng	99
54) 2,4-Dinitrophenol	14.516	184	322185	42.791	ng	98
55) Dibenzofuran	14.810	168	3273448	38.264	ng	100
56) 4-Nitrophenol	14.634	139	543119	42.293	ng	98
57) 2,4-Dinitrotoluene	14.769	165	772629	41.106	ng	99
58) Fluorene	15.469	166	2603595	39.061	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.040	232	685479	39.844	ng	100
60) Diethylphthalate	15.240	149	2595505	38.539	ng	100
61) 4-Chlorophenyl-phenyle...	15.469	204	1261005	38.572	ng	99
62) 4-Nitroaniline	15.493	138	664956	41.253	ng	99
63) Azobenzene	15.769	77	2497600	39.347	ng	99
65) 4,6-Dinitro-2-methylph...	15.551	198	434596	40.442	ng	95
66) n-Nitrosodiphenylamine	15.681	169	2156617	39.234	ng	99
67) 4-Bromophenyl-phenylether	16.375	248	772937	38.892	ng	98
68) Hexachlorobenzene	16.498	284	919105	39.073	ng	97
69) Atrazine	16.657	200	481443	36.287	ng	99
70) Pentachlorophenol	16.851	266	626146	41.161	ng	100
71) Phenanthrene	17.251	178	3795212	38.379	ng	99
72) Anthracene	17.351	178	3790779	39.358	ng	99
73) Carbazole	17.628	167	3684202	39.665	ng	100
74) Di-n-butylphthalate	18.222	149	4505984	40.866	ng	100
75) Fluoranthene	19.345	202	4467370	39.006	ng	99
77) Benzidine	19.534	184	827654	39.777	ng	99
78) Pyrene	19.716	202	4681182	39.565	ng	100
80) Butylbenzylphthalate	20.669	149	1991838	40.824	ng	98
81) Benzo(a)anthracene	21.651	228	4652183	39.318	ng	99
82) 3,3'-Dichlorobenzidine	21.569	252	1655655	41.750	ng	99
83) Chrysene	21.716	228	4393252	38.624	ng	99
84) Bis(2-ethylhexyl)phtha...	21.586	149	3060349	41.569	ng	99
85) Di-n-octyl phthalate	22.886	149	5007462	42.452	ng	100
87) Indeno(1,2,3-cd)pyrene	28.957	276	5699470	38.387	ng	100
88) Benzo(b)fluoranthene	23.992	252	4988392	38.891	ng	98
89) Benzo(k)fluoranthene	24.069	252	4803010	38.280	ng	99
90) Benzo(a)pyrene	24.916	252	4306060	38.607	ng	100
91) Dibenzo(a,h)anthracene	29.027	278	4752357	38.474	ng	99
92) Benzo(g,h,i)perylene	30.127	276	4782473m	38.087	ng	

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

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