

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042325\
 Data File : BF142225.D
 Acq On : 23 Apr 2025 14:40
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF042325

Quant Time: Apr 23 14:57:15 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 23 14:53:02 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	444828	20.000	ng	0.00
21) Naphthalene-d8	8.139	136	1615219	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	922954	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	1603286	20.000	ng	0.00
76) Chrysene-d12	14.021	240	935096	20.000	ng	0.00
86) Perylene-d12	15.492	264	1083531	20.000	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	2020597	77.414	ng	0.00
7) Phenol-d6	6.492	99	2479612	77.512	ng	0.00
23) Nitrobenzene-d5	7.422	82	2153219	79.426	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	1033722	79.901	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	4439191	77.396	ng	0.00
79) Terphenyl-d14	12.963	244	4703452	81.750	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	2.610	88	412129	39.289 ng	99
3) Pyridine	3.375	79	993678	39.587 ng	99
4) n-Nitrosodimethylamine	3.322	42	402548	39.811 ng	99
6) Aniline	6.522	93	1157093	40.178 ng	98
8) 2-Chlorophenol	6.645	128	1126108	39.439 ng	98
9) Benzaldehyde	6.410	77	694254	39.919 ng	99
10) Phenol	6.504	94	1303993	38.852 ng	99
11) bis(2-Chloroethyl)ether	6.598	93	930954	38.358 ng	98
12) 1,3-Dichlorobenzene	6.798	146	1227140	38.987 ng	99
13) 1,4-Dichlorobenzene	6.881	146	1241106	38.859 ng	99
14) 1,2-Dichlorobenzene	7.034	146	1161417	38.803 ng	100
15) Benzyl Alcohol	7.004	79	923113	39.539 ng	100
16) 2,2'-oxybis(1-Chloropr...	7.134	45	921817	38.197 ng	99
17) 2-Methylphenol	7.116	107	840754	38.673 ng	99
18) Hexachloroethane	7.369	117	434440	38.980 ng	97
19) n-Nitroso-di-n-propyla...	7.269	70	673768	37.993 ng	98
20) 3+4-Methylphenols	7.263	107	1070484	39.159 ng	# 90
22) Acetophenone	7.269	105	1478021	39.555 ng	99
24) Nitrobenzene	7.445	77	1060910	39.614 ng	99
25) Isophorone	7.681	82	1756404	39.514 ng	100
26) 2-Nitrophenol	7.757	139	598257	40.678 ng	99
27) 2,4-Dimethylphenol	7.792	122	681575	39.879 ng	100
28) bis(2-Chloroethoxy)met...	7.886	93	1131372	39.460 ng	99
29) 2,4-Dichlorophenol	7.998	162	971094	40.332 ng	99
30) 1,2,4-Trichlorobenzene	8.081	180	1089574	40.107 ng	100
31) Naphthalene	8.163	128	3128552	39.408 ng	100
32) Benzoic acid	7.916	122	657314	42.451 ng	99
33) 4-Chloroaniline	8.210	127	1149163	41.103 ng	99
34) Hexachlorobutadiene	8.281	225	709883	39.641 ng	100
35) Caprolactam	8.581	113	282392	39.934 ng	99
36) 4-Chloro-3-methylphenol	8.692	107	1004780	40.143 ng	99
37) 2-Methylnaphthalene	8.851	142	2125382	39.896 ng	100
38) 1-Methylnaphthalene	8.951	142	2058182	39.654 ng	100
40) 1,2,4,5-Tetrachloroben...	9.022	216	1153115	39.184 ng	99
41) Hexachlorocyclopentadiene	9.004	237	335772	38.370 ng	97
43) 2,4,6-Trichlorophenol	9.133	196	706739	39.697 ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.175	196	776346	40.667	ng	99
46) 1,1'-Biphenyl	9.316	154	2653403	39.042	ng	100
47) 2-Chloronaphthalene	9.345	162	2027548	38.906	ng	100
48) 2-Nitroaniline	9.439	65	539654	40.011	ng	99
49) Acenaphthylene	9.757	152	2968908	39.277	ng	99
50) Dimethylphthalate	9.616	163	2428093	39.175	ng	100
51) 2,6-Dinitrotoluene	9.680	165	552525	40.033	ng	100
52) Acenaphthene	9.928	154	2144567	39.694	ng	100
53) 3-Nitroaniline	9.851	138	533561	39.499	ng	98
54) 2,4-Dinitrophenol	9.957	184	309204	41.360	ng	99
55) Dibenzofuran	10.104	168	2966422	38.948	ng	99
56) 4-Nitrophenol	10.016	139	408535	41.515	ng	99
57) 2,4-Dinitrotoluene	10.086	165	740097	40.019	ng	99
58) Fluorene	10.445	166	2301713	38.544	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.222	232	703057	40.591	ng	99
60) Diethylphthalate	10.316	149	2320938	39.155	ng	100
61) 4-Chlorophenyl-phenyle...	10.433	204	1231962	38.967	ng	97
62) 4-Nitroaniline	10.463	138	531933	39.808	ng	100
63) Azobenzene	10.598	77	2014525	39.183	ng	99
65) 4,6-Dinitro-2-methylph...	10.492	198	436426	40.809	ng	99
66) n-Nitrosodiphenylamine	10.557	169	1948047	39.545	ng	100
67) 4-Bromophenyl-phenylether	10.927	248	808420	40.173	ng	100
68) Hexachlorobenzene	10.992	284	960950	40.223	ng	100
69) Atrazine	11.080	200	473873	33.914	ng	100
70) Pentachlorophenol	11.186	266	548101	42.077	ng	99
71) Phenanthrene	11.410	178	3253286	39.272	ng	100
72) Anthracene	11.457	178	3264796	39.408	ng	100
73) Carbazole	11.616	167	2802295	38.956	ng	100
74) Di-n-butylphthalate	11.939	149	3214530	39.325	ng	100
75) Fluoranthene	12.592	202	3283935	38.044	ng	100
77) Benzidine	12.721	184	597724	42.821	ng	99
78) Pyrene	12.821	202	3196263	40.944	ng	100
80) Butylbenzylphthalate	13.439	149	918678	40.646	ng	99
81) Benzo(a)anthracene	14.010	228	2303780	38.927	ng	100
82) 3,3'-Dichlorobenzidine	13.974	252	698720	38.740	ng	99
83) Chrysene	14.045	228	2206815	40.389	ng	100
84) Bis(2-ethylhexyl)phtha...	13.998	149	1125323	41.700	ng	100
85) Di-n-octyl phthalate	14.610	149	1932267	41.719	ng	100
87) Indeno(1,2,3-cd)pyrene	16.974	276	3057512	39.392	ng	99
88) Benzo(b)fluoranthene	15.062	252	2463756	39.285	ng	100
89) Benzo(k)fluoranthene	15.092	252	2257443	38.757	ng	99
90) Benzo(a)pyrene	15.427	252	2188865	39.548	ng	99
91) Dibenzo(a,h)anthracene	16.986	278	2515981	39.582	ng	99
92) Benzo(g,h,i)perylene	17.421	276	2550177	38.663	ng	100

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

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