

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042125\
 Data File : BF142201.D
 Acq On : 21 Apr 2025 12:09
 Operator : RC/JU
 Sample : SSTDICC010
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

Quant Time: Apr 22 02:01:02 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042125.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 22 01:58:17 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	603983	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	2290040	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	1315585	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	2289491	20.000	ng	0.00
76) Chrysene-d12	14.027	240	1611623	20.000	ng	0.00
86) Perylene-d12	15.504	264	1390370	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	668900	20.764	ng	0.00
7) Phenol-d6	6.481	99	865031	21.441	ng	-0.01
23) Nitrobenzene-d5	7.422	82	761958	20.896	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	348797	19.391	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	1863623	23.089	ng	0.00
79) Terphenyl-d14	12.968	244	2145035	22.298	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.622	88	132917	10.164	ng	97
3) Pyridine	3.399	79	294787	10.386	ng	99
4) n-Nitrosodimethylamine	3.322	42	110937	9.626	ng	# 93
6) Aniline	6.522	93	410337	11.015	ng	100
8) 2-Chlorophenol	6.645	128	383978	10.413	ng	98
9) Benzaldehyde	6.416	77	255898	11.553	ng	100
10) Phenol	6.498	94	447957	10.527	ng	95
11) bis(2-Chloroethyl)ether	6.592	93	330518	10.300	ng	99
12) 1,3-Dichlorobenzene	6.804	146	440763	10.548	ng	98
13) 1,4-Dichlorobenzene	6.881	146	455256	10.623	ng	98
14) 1,2-Dichlorobenzene	7.034	146	431115	10.813	ng	100
15) Benzyl Alcohol	6.998	79	297318	10.107	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.134	45	326802	10.506	ng	99
17) 2-Methylphenol	7.110	107	275506	9.927	ng	99
18) Hexachloroethane	7.375	117	151652	10.416	ng	99
19) n-Nitroso-di-n-propyla...	7.263	70	243693	10.682	ng	98
20) 3+4-Methylphenols	7.263	107	363854	10.541	ng	# 90
22) Acetophenone	7.269	105	535731	10.658	ng	99
24) Nitrobenzene	7.439	77	364725	10.096	ng	99
25) Isophorone	7.681	82	619226	10.117	ng	100
26) 2-Nitrophenol	7.763	139	172633	9.091	ng	97
27) 2,4-Dimethylphenol	7.792	122	236130	9.564	ng	99
28) bis(2-Chloroethoxy)met...	7.892	93	416997	10.380	ng	98
29) 2,4-Dichlorophenol	8.004	162	333804	9.941	ng	99
30) 1,2,4-Trichlorobenzene	8.086	180	400647	10.203	ng	100
31) Naphthalene	8.169	128	1216644	11.247	ng	97
32) Benzoic acid	7.869	122	111931m	11.078	ng	
33) 4-Chloroaniline	8.216	127	407584	10.405	ng	98
34) Hexachlorobutadiene	8.281	225	264589	10.210	ng	100
35) Caprolactam	8.551	113	83708	9.345	ng	93
36) 4-Chloro-3-methylphenol	8.686	107	340608	10.076	ng	99
37) 2-Methylnaphthalene	8.857	142	804063	10.755	ng	99
38) 1-Methylnaphthalene	8.957	142	776949	10.733	ng	100
40) 1,2,4,5-Tetrachloroben...	9.022	216	445815	10.357	ng	99
41) Hexachlorocyclopentadiene	9.010	237	106112	8.039	ng	99
43) 2,4,6-Trichlorophenol	9.133	196	241266	9.600	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.175	196	255557	9.487	ng	97
46) 1,1'-Biphenyl	9.322	154	1041165	11.037	ng	97
47) 2-Chloronaphthalene	9.345	162	773779	10.567	ng	98
48) 2-Nitroaniline	9.439	65	164363	9.576	ng	94
49) Acenaphthylene	9.763	152	1118944	10.811	ng	99
50) Dimethylphthalate	9.616	163	869463	10.308	ng	99
51) 2,6-Dinitrotoluene	9.680	165	186390	9.842	ng	99
52) Acenaphthene	9.933	154	768504	10.304	ng	98
53) 3-Nitroaniline	9.851	138	181893	10.024	ng	98
54) 2,4-Dinitrophenol	9.963	184	61743	6.657	ng	98
55) Dibenzofuran	10.104	168	1161116	11.105	ng	97
56) 4-Nitrophenol	10.010	139	102313	7.708	ng	99
57) 2,4-Dinitrotoluene	10.086	165	241529	9.874	ng	99
58) Fluorene	10.445	166	881069	10.893	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.222	232	230629	9.576	ng	99
60) Diethylphthalate	10.316	149	832900	10.575	ng	98
61) 4-Chlorophenyl-phenyle...	10.439	204	467315	10.493	ng	99
62) 4-Nitroaniline	10.457	138	163792	9.497	ng	97
63) Azobenzene	10.598	77	729902	10.642	ng	98
65) 4,6-Dinitro-2-methylph...	10.492	198	100957	7.554	ng	95
66) n-Nitrosodiphenylamine	10.557	169	733023	10.446	ng	98
67) 4-Bromophenyl-phenylether	10.927	248	300436	9.978	ng	98
68) Hexachlorobenzene	10.998	284	363535	10.146	ng	97
69) Atrazine	11.080	200	204039	11.916	ng	99
70) Pentachlorophenol	11.192	266	155346	8.499	ng	99
71) Phenanthrene	11.410	178	1282504	11.280	ng	97
72) Anthracene	11.463	178	1261830	11.100	ng	97
73) Carbazole	11.616	167	1088325	10.958	ng	100
74) Di-n-butylphthalate	11.945	149	1123250	10.927	ng	98
75) Fluoranthene	12.598	202	1362799	11.531	ng	98
77) Benzidine	12.733	184	158137	7.604	ng	97
78) Pyrene	12.827	202	1390858	10.866	ng	98
80) Butylbenzylphthalate	13.445	149	248272	8.014	ng	99
81) Benzo(a)anthracene	14.015	228	975671	9.995	ng	100
82) 3,3'-Dichlorobenzidine	13.986	252	264819	9.110	ng	99
83) Chrysene	14.051	228	993085	10.559	ng	99
84) Bis(2-ethylhexyl)phtha...	14.004	149	326359	7.874	ng	99
85) Di-n-octyl phthalate	14.615	149	517117	7.044	ng	100
87) Indeno(1,2,3-cd)pyrene	16.980	276	934368	9.578	ng	99
88) Benzo(b)fluoranthene	15.068	252	740088	9.488	ng	99
89) Benzo(k)fluoranthene	15.098	252	852196m	11.046	ng	
90) Benzo(a)pyrene	15.439	252	694420	9.947	ng	99
91) Dibenzo(a,h)anthracene	16.998	278	753489	9.469	ng	100
92) Benzo(g,h,i)perylene	17.433	276	791476	9.549	ng	99

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

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