

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123124\
 Data File : BF141047.D
 Acq On : 31 Dec 2024 09:50
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Dec 31 10:37:12 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 27 00:31:16 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	267957	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	1030825	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	541136	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	944319	20.000	ng	0.00
76) Chrysene-d12	13.986	240	516920	20.000	ng	0.00
86) Perylene-d12	15.445	264	521026	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	1332201	74.942	ng	0.00
7) Phenol-d6	6.451	99	1693926	73.971	ng	0.00
23) Nitrobenzene-d5	7.392	82	1496248	92.864	ng	0.00
42) 2,4,6-Tribromophenol	10.651	330	474848	90.305	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	2603292	76.647	ng	0.00
79) Terphenyl-d14	12.933	244	2720559	87.419	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.552	88	300777	37.373	ng	98
3) Pyridine	3.293	79	765257	38.909	ng	100
4) n-Nitrosodimethylamine	3.246	42	370893	37.219	ng	100
6) Aniline	6.492	93	790836	38.722	ng	99
8) 2-Chlorophenol	6.610	128	726362	38.756	ng	100
9) Benzaldehyde	6.381	77	505724	46.524	ng	98
10) Phenol	6.469	94	920756	38.885	ng	100
11) bis(2-Chloroethyl)ether	6.569	93	686822	35.923	ng	97
12) 1,3-Dichlorobenzene	6.769	146	797977	38.580	ng	99
13) 1,4-Dichlorobenzene	6.845	146	806042	38.657	ng	99
14) 1,2-Dichlorobenzene	6.998	146	743175	38.228	ng	100
15) Benzyl Alcohol	6.969	79	621425	37.763	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.104	45	1034797	35.789	ng	100
17) 2-Methylphenol	7.075	107	592918	38.080	ng	99
18) Hexachloroethane	7.345	117	289599	39.098	ng	98
19) n-Nitroso-di-n-propyla...	7.245	70	501793	35.768	ng	98
20) 3+4-Methylphenols	7.228	107	736277	37.368	ng	99
22) Acetophenone	7.239	105	934849	36.969	ng	100
24) Nitrobenzene	7.410	77	796552	44.244	ng	97
25) Isophorone	7.651	82	1311982	37.420	ng	100
26) 2-Nitrophenol	7.728	139	365289	49.343	ng	98
27) 2,4-Dimethylphenol	7.757	122	495173	38.644	ng	100
28) bis(2-Chloroethoxy)met...	7.863	93	836421	37.653	ng	99
29) 2,4-Dichlorophenol	7.963	162	584727	40.235	ng	99
30) 1,2,4-Trichlorobenzene	8.051	180	647207	39.347	ng	99
31) Naphthalene	8.134	128	2067708	38.067	ng	100
32) Benzoic acid	7.863	122	499690	47.485	ng	98
33) 4-Chloroaniline	8.181	127	745241	37.924	ng	99
34) Hexachlorobutadiene	8.251	225	386661	39.874	ng	99
35) Caprolactam	8.545	113	193086	39.082	ng	96
36) 4-Chloro-3-methylphenol	8.651	107	628876	38.965	ng	99
37) 2-Methylnaphthalene	8.822	142	1334497	38.404	ng	99
38) 1-Methylnaphthalene	8.922	142	1304103	38.186	ng	99
40) 1,2,4,5-Tetrachloroben...	8.986	216	601004	40.370	ng	99
41) Hexachlorocyclopentadiene	8.975	237	221230	44.842	ng	99
43) 2,4,6-Trichlorophenol	9.092	196	405252	40.900	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.133	196	443739	43.770	ng	97
46) 1,1'-Biphenyl	9.286	154	1615794	38.996	ng	99
47) 2-Chloronaphthalene	9.310	162	1259180	39.184	ng	100
48) 2-Nitroaniline	9.404	65	385872	46.103	ng	92
49) Acenaphthylene	9.728	152	1813534	39.203	ng	99
50) Dimethylphthalate	9.586	163	1402578	39.405	ng	100
51) 2,6-Dinitrotoluene	9.645	165	333533	46.104	ng	95
52) Acenaphthene	9.898	154	1267239	40.520	ng	99
53) 3-Nitroaniline	9.810	138	349707	44.551	ng	# 95
54) 2,4-Dinitrophenol	9.916	184	156863	61.568	ng	# 1
55) Dibenzofuran	10.069	168	1704562	38.783	ng	99
56) 4-Nitrophenol	9.963	139	282460	46.391	ng	95
57) 2,4-Dinitrotoluene	10.045	165	437151	49.100	ng	94
58) Fluorene	10.410	166	1308111	38.381	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.180	232	357083	42.528	ng	98
60) Diethylphthalate	10.286	149	1379308	39.252	ng	99
61) 4-Chlorophenyl-phenyle...	10.404	204	651251	39.712	ng	98
62) 4-Nitroaniline	10.422	138	342558	43.755	ng	95
63) Azobenzene	10.563	77	1391923	37.738	ng	99
65) 4,6-Dinitro-2-methylph...	10.451	198	220410	56.489	ng	97
66) n-Nitrosodiphenylamine	10.522	169	1165374	39.190	ng	100
67) 4-Bromophenyl-phenylether	10.892	248	423670	41.503	ng	98
68) Hexachlorobenzene	10.957	284	456958	40.596	ng	100
69) Atrazine	11.045	200	265890	32.006	ng	99
70) Pentachlorophenol	11.145	266	315683	45.045	ng	99
71) Phenanthrene	11.375	178	1897392	38.177	ng	100
72) Anthracene	11.422	178	1876029	38.522	ng	100
73) Carbazole	11.575	167	1750673	37.394	ng	100
74) Di-n-butylphthalate	11.910	149	2025342	38.035	ng	100
75) Fluoranthene	12.557	202	1953344	36.238	ng	100
77) Benzidine	12.680	184	480734	44.005	ng	99
78) Pyrene	12.786	202	1965413	43.474	ng	100
80) Butylbenzylphthalate	13.410	149	697280	42.239	ng	99
81) Benzo(a)anthracene	13.974	228	1358803	37.717	ng	100
82) 3,3'-Dichlorobenzidine	13.939	252	454247	41.967	ng	100
83) Chrysene	14.010	228	1307395	40.257	ng	100
84) Bis(2-ethylhexyl)phtha...	13.968	149	832280	38.867	ng	100
85) Di-n-octyl phthalate	14.592	149	1252361	40.408	ng	99
87) Indeno(1,2,3-cd)pyrene	16.904	276	1558168	47.468	ng	98
88) Benzo(b)fluoranthene	15.021	252	1334435	36.722	ng	99
89) Benzo(k)fluoranthene	15.051	252	1037087	36.414	ng	99
90) Benzo(a)pyrene	15.386	252	1079136	38.260	ng	99
91) Dibenzo(a,h)anthracene	16.921	278	1257257	47.249	ng	99
92) Benzo(g,h,i)perylene	17.345	276	1320537	47.848	ng	99

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

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