

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022125\
 Data File : BF141709.D
 Acq On : 21 Feb 2025 09:46
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Feb 21 10:34:31 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 06 16:58:59 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	101706	20.000	ng	-0.01
21) Naphthalene-d8	8.063	136	409883	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	219726	20.000	ng	-0.02
64) Phenanthrene-d10	11.298	188	346916	20.000	ng	-0.02
76) Chrysene-d12	13.939	240	200260	20.000	ng	-0.02
86) Perylene-d12	15.380	264	193447	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.398	112	557118	85.877	ng	-0.01
7) Phenol-d6	6.428	99	671884	81.942	ng	-0.01
23) Nitrobenzene-d5	7.351	82	613632	78.086	ng	-0.01
42) 2,4,6-Tribromophenol	10.610	330	170405	77.202	ng	-0.02
45) 2-Fluorobiphenyl	9.139	172	1132723	79.423	ng	-0.01
79) Terphenyl-d14	12.886	244	1009458	85.096	ng	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.481	88	114242	43.753	ng	94
3) Pyridine	3.205	79	276230	44.458	ng	95
4) n-Nitrosodimethylamine	3.169	42	155486	37.793	ng	89
6) Aniline	6.445	93	315502	41.019	ng	98
8) 2-Chlorophenol	6.569	128	293195	41.826	ng	98
9) Benzaldehyde	6.334	77	162941	37.395	ng	98
10) Phenol	6.440	94	348629	40.851	ng	98
11) bis(2-Chloroethyl)ether	6.522	93	269104	41.981	ng	98
12) 1,3-Dichlorobenzene	6.722	146	310915	42.013	ng	97
13) 1,4-Dichlorobenzene	6.798	146	320431	42.378	ng	99
14) 1,2-Dichlorobenzene	6.951	146	295128	42.055	ng	99
15) Benzyl Alcohol	6.928	79	247985	39.439	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.057	45	427290	38.941	ng	77
17) 2-Methylphenol	7.045	107	223935	40.822	ng	99
18) Hexachloroethane	7.292	117	116597	41.667	ng	96
19) n-Nitroso-di-n-propyla...	7.198	70	200520	40.884	ng	95
20) 3+4-Methylphenols	7.198	107	286135	41.044	ng	98
22) Acetophenone	7.192	105	403819	39.605	ng	95
24) Nitrobenzene	7.369	77	301370	39.328	ng	99
25) Isophorone	7.604	82	504522	40.265	ng	99
26) 2-Nitrophenol	7.681	139	160661	42.141	ng	95
27) 2,4-Dimethylphenol	7.722	122	183609	41.225	ng	99
28) bis(2-Chloroethoxy)met...	7.816	93	328379	40.899	ng	100
29) 2,4-Dichlorophenol	7.928	162	244330	40.602	ng	98
30) 1,2,4-Trichlorobenzene	8.004	180	264096	40.301	ng	99
31) Naphthalene	8.087	128	852575	39.960	ng	100
32) Benzoic acid	7.869	122	151188	32.681	ng	98
33) 4-Chloroaniline	8.139	127	302580	40.619	ng	98
34) Hexachlorobutadiene	8.198	225	158043	40.173	ng	100
35) Caprolactam	8.510	113	71960m	39.275	ng	
36) 4-Chloro-3-methylphenol	8.628	107	262537	39.385	ng	98
37) 2-Methylnaphthalene	8.775	142	542954	39.106	ng	99
38) 1-Methylnaphthalene	8.875	142	527142	39.201	ng	98
40) 1,2,4,5-Tetrachloroben...	8.939	216	262876	41.353	ng	100
41) Hexachlorocyclopentadiene	8.928	237	111009	52.502	ng	100
43) 2,4,6-Trichlorophenol	9.057	196	164980	40.155	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.104	196	178058	39.988	ng	99
46) 1,1'-Biphenyl	9.239	154	686594	40.305	ng	100
47) 2-Chloronaphthalene	9.263	162	513758	40.785	ng	99
48) 2-Nitroaniline	9.363	65	161573	38.219	ng	99
49) Acenaphthylene	9.675	152	739694	39.479	ng	99
50) Dimethylphthalate	9.539	163	606774	40.678	ng	99
51) 2,6-Dinitrotoluene	9.610	165	132564	40.653	ng	94
52) Acenaphthene	9.851	154	487201	38.678	ng	99
53) 3-Nitroaniline	9.781	138	134911	38.440	ng	96
54) 2,4-Dinitrophenol	9.892	184	72119	37.213	ng	92
55) Dibenzofuran	10.022	168	717012	38.781	ng	99
56) 4-Nitrophenol	9.951	139	144924	55.625	ng	93
57) 2,4-Dinitrotoluene	10.010	165	172016	39.626	ng	99
58) Fluorene	10.363	166	550752	38.526	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.145	232	151312	39.471	ng	95
60) Diethylphthalate	10.239	149	567957	38.699	ng	99
61) 4-Chlorophenyl-phenyle...	10.357	204	270585	39.344	ng	98
62) 4-Nitroaniline	10.392	138	123212	34.573	ng	97
63) Azobenzene	10.516	77	547271	37.510	ng	95
65) 4,6-Dinitro-2-methylph...	10.422	198	93108	38.636	ng	94
66) n-Nitrosodiphenylamine	10.475	169	469165	42.248	ng	99
67) 4-Bromophenyl-phenylether	10.845	248	162626	41.944	ng	97
68) Hexachlorobenzene	10.910	284	170180	42.625	ng	99
69) Atrazine	11.004	200	120577	36.192	ng	99
70) Pentachlorophenol	11.110	266	98690	38.658	ng	99
71) Phenanthrene	11.328	178	776787	40.678	ng	99
72) Anthracene	11.375	178	773647	40.302	ng	100
73) Carbazole	11.533	167	669894	38.784	ng	100
74) Di-n-butylphthalate	11.863	149	799223	40.073	ng	100
75) Fluoranthene	12.510	202	743671	36.732	ng	100
77) Benzidine	12.639	184	195097	44.174	ng	99
78) Pyrene	12.739	202	735859	43.165	ng	100
80) Butylbenzylphthalate	13.357	149	253597	42.948	ng	98
81) Benzo(a)anthracene	13.927	228	520502	39.100	ng	100
82) 3,3'-Dichlorobenzidine	13.892	252	155276	40.720	ng	98
83) Chrysene	13.963	228	504342	41.031	ng	100
84) Bis(2-ethylhexyl)phtha...	13.916	149	304164	45.673	ng	100
85) Di-n-octyl phthalate	14.527	149	472273	49.710	ng	98
87) Indeno(1,2,3-cd)pyrene	16.815	276	532525	44.552	ng	99
88) Benzo(b)fluoranthene	14.963	252	534284	41.133	ng	99
89) Benzo(k)fluoranthene	14.992	252	395805	35.686	ng	99
90) Benzo(a)pyrene	15.321	252	424975	40.434	ng	99
91) Dibenzo(a,h)anthracene	16.827	278	433253	44.733	ng	99
92) Benzo(g,h,i)perylene	17.245	276	456893	45.080	ng	100

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

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