

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042723\
 Data File : BF133090.D
 Acq On : 27 Apr 2023 09:59
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 04/28/2023
 Supervised By : Jagrut Upadhyay 04/28/2023

Quant Time: Apr 28 02:01:51 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 28 02:00:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.740	152	190486	20.000	ng	0.00
21) Naphthalene-d8	8.022	136	734979	20.000	ng	0.00
39) Acenaphthene-d10	9.775	164	380778	20.000	ng	0.00
64) Phenanthrene-d10	11.257	188	697429	20.000	ng	0.00
76) Chrysene-d12	13.898	240	504844	20.000	ng	0.00
86) Perylene-d12	15.316	264	446746	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.346	112	945414	74.974	ng	0.00
7) Phenol-d6	6.381	99	1151130	73.548	ng	0.00
23) Nitrobenzene-d5	7.304	82	992622	72.898	ng	0.00
42) 2,4,6-Tribromophenol	10.563	330	314099	82.022	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	1751829	76.969	ng	0.00
79) Terphenyl-d14	12.845	244	2036532	69.573	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.393	88	210228	35.943	ng	97
3) Pyridine	3.093	79	588099	37.857	ng	96
4) n-Nitrosodimethylamine	3.052	42	263680	32.770	ng	90
6) Aniline	6.404	93	739111	36.665	ng	99
8) 2-Chlorophenol	6.522	128	479815	37.476	ng	99
9) Benzaldehyde	6.287	77	282489	38.659	ng	96
10) Phenol	6.393	94	621889	36.017	ng	87
11) bis(2-Chloroethyl)ether	6.481	93	458593	35.394	ng	96
12) 1,3-Dichlorobenzene	6.681	146	510506	37.504	ng	97
13) 1,4-Dichlorobenzene	6.757	146	502500	36.834	ng	98
14) 1,2-Dichlorobenzene	6.910	146	471734	37.507	ng	97
15) Benzyl Alcohol	6.887	79	388029	35.890	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.022	45	736969	32.748	ng	95
17) 2-Methylphenol	6.998	107	449023	38.301	ng	98
18) Hexachloroethane	7.251	117	172348	36.337	ng	95
19) n-Nitroso-di-n-propyla...	7.157	70	322028	33.049	ng	97
20) 3+4-Methylphenols	7.157	107	511809	37.070	ng	# 85
22) Acetophenone	7.151	105	632789	37.167	ng	99
24) Nitrobenzene	7.322	77	504475	36.561	ng	98
25) Isophorone	7.563	82	924874	35.774	ng	98
26) 2-Nitrophenol	7.640	139	271034	40.725	ng	94
27) 2,4-Dimethylphenol	7.687	122	430057	37.685	ng	97
28) bis(2-Chloroethoxy)met...	7.775	93	547738	35.813	ng	99
29) 2,4-Dichlorophenol	7.887	162	401048	38.604	ng	97
30) 1,2,4-Trichlorobenzene	7.969	180	409139	38.015	ng	99
31) Naphthalene	8.045	128	1375314	37.427	ng	100
32) Benzoic acid	7.798	122	333084m	47.253	ng	
33) 4-Chloroaniline	8.098	127	605297	40.769	ng	98
34) Hexachlorobutadiene	8.169	225	223123	37.405	ng	98
35) Caprolactam	8.469	113	145777	41.771	ng	90
36) 4-Chloro-3-methylphenol	8.581	107	432630	38.618	ng	96
37) 2-Methylnaphthalene	8.734	142	944537	37.597	ng	100
38) 1-Methylnaphthalene	8.834	142	886081	37.702	ng	100
40) 1,2,4,5-Tetrachloroben...	8.904	216	377108	36.834	ng	99
41) Hexachlorocyclopentadiene	8.892	237	221444	37.087	ng	99
43) 2,4,6-Trichlorophenol	9.016	196	264347	37.335	ng	99

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44) 2,4,5-Trichlorophenol	9.057	196	322396	39.371	ng	97
46) 1,1'-Biphenyl	9.198	154	1122922	37.190	ng	99
47) 2-Chloronaphthalene	9.222	162	830346	37.572	ng	98
48) 2-Nitroaniline	9.316	65	281471	38.537	ng	91
49) Acenaphthylene	9.639	152	1322173	37.442	ng	99
50) Dimethylphthalate	9.504	163	1004697	37.840	ng	98
51) 2,6-Dinitrotoluene	9.563	165	237297	39.709	ng	# 86
52) Acenaphthene	9.810	154	891697m	37.703	ng	
53) 3-Nitroaniline	9.734	138	292422	41.154	ng	96
54) 2,4-Dinitrophenol	9.834	184	136975	45.601	ng	97
55) Dibenzofuran	9.981	168	1209408	37.487	ng	99
56) 4-Nitrophenol	9.892	139	222708	40.468	ng	94
57) 2,4-Dinitrotoluene	9.963	165	314556	41.275	ng	93
58) Fluorene	10.328	166	911354	38.558	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.098	232	249528	39.306	ng	96
60) Diethylphthalate	10.204	149	954977	38.079	ng	97
61) 4-Chlorophenyl-phenyle...	10.316	204	439184	38.129	ng	96
62) 4-Nitroaniline	10.345	138	291535	44.641	ng	94
63) Azobenzene	10.475	77	940554	35.403	ng	98
65) 4,6-Dinitro-2-methylph...	10.375	198	183915	43.507	ng	96
66) n-Nitrosodiphenylamine	10.439	169	832546	36.801	ng	99
67) 4-Bromophenyl-phenylether	10.804	248	277959	36.748	ng	96
68) Hexachlorobenzene	10.875	284	290014	37.418	ng	97
69) Atrazine	10.963	200	254815	39.090	ng	98
70) Pentachlorophenol	11.063	266	217311	39.368	ng	98
71) Phenanthrene	11.281	178	1398656	37.313	ng	100
72) Anthracene	11.333	178	1440486	37.550	ng	99
73) Carbazole	11.492	167	1321047	38.674	ng	100
74) Di-n-butylphthalate	11.828	149	1516838	39.240	ng	99
75) Fluoranthene	12.469	202	1469649	39.065	ng	98
77) Benzidine	12.586	184	431713	50.569	ng	95
78) Pyrene	12.698	202	1512807	34.957	ng	99
80) Butylbenzylphthalate	13.322	149	643238	41.978	ng	99
81) Benzo(a)anthracene	13.886	228	1252128	36.067	ng	99
82) 3,3'-Dichlorobenzidine	13.851	252	415134	43.286	ng	100
83) Chrysene	13.922	228	1247280	35.936	ng	100
84) Bis(2-ethylhexyl)phtha...	13.886	149	745933	38.783	ng	100
85) Di-n-octyl phthalate	14.492	149	1314914	41.928	ng	96
87) Indeno(1,2,3-cd)pyrene	16.698	276	957383	37.675	ng	100
88) Benzo(b)fluoranthene	14.910	252	1055712	37.145	ng	99
89) Benzo(k)fluoranthene	14.939	252	1075849	38.186	ng	99
90) Benzo(a)pyrene	15.257	252	968048	37.421	ng	99
91) Dibenzo(a,h)anthracene	16.715	278	800520	37.770	ng	98
92) Benzo(g,h,i)perylene	17.115	276	803957	38.422	ng	98

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

