

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012023\
 Data File : BF132183.D
 Acq On : 21 Jan 2023 03:05
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 01/23/2023
 Supervised By : Jagrut Upadhyay 01/23/2023

Quant Time: Jan 21 04:00:12 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 20 00:50:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.090	152	210007	20.000	ng	0.00
21) Naphthalene-d8	8.378	136	715889	20.000	ng	0.00
39) Acenaphthene-d10	10.142	164	380128	20.000	ng	0.00
64) Phenanthrene-d10	11.642	188	772261	20.000	ng	0.00
76) Chrysene-d12	14.307	240	430959	20.000	ng	0.00
86) Perylene-d12	15.901	264	427111	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.707	112	968555	80.566	ng	0.00
7) Phenol-d6	6.707	99	1212116	80.096	ng	0.00
23) Nitrobenzene-d5	7.660	82	1125594	83.526	ng	0.00
42) 2,4,6-Tribromophenol	10.936	330	365351	89.980	ng	0.00
45) 2-Fluorobiphenyl	9.454	172	1804165	69.353	ng	0.00
79) Terphenyl-d14	13.236	244	2047484	79.584	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.031	88	256386	42.096	ng	99
3) Pyridine	3.790	79	695664	42.549	ng	99
4) n-Nitrosodimethylamine	3.754	42	330056	42.924	ng	100
6) Aniline	6.754	93	831442	39.666	ng	99
8) 2-Chlorophenol	6.878	128	501918	39.719	ng	94
9) Benzaldehyde	6.643	77	396070	40.682	ng	97
10) Phenol	6.719	94	625100	39.678	ng	99
11) bis(2-Chloroethyl)ether	6.825	93	511757	38.372	ng	97
12) 1,3-Dichlorobenzene	7.031	146	548846	38.855	ng	98
13) 1,4-Dichlorobenzene	7.107	146	555302	39.397	ng	99
14) 1,2-Dichlorobenzene	7.266	146	498440	38.244	ng	99
15) Benzyl Alcohol	7.225	79	485807m	41.969	ng	
16) 2,2'-oxybis(1-Chloropr...	7.360	45	731246	37.725	ng	100
17) 2-Methylphenol	7.325	107	449341	40.589	ng	98
18) Hexachloroethane	7.607	117	206981	40.908	ng	96
19) n-Nitroso-di-n-propyla...	7.501	70	354763	38.271	ng	96
20) 3+4-Methylphenols	7.484	107	557438	39.961	ng	98
22) Acetophenone	7.501	105	646708	37.585	ng	99
24) Nitrobenzene	7.678	77	582485	40.823	ng	96
25) Isophorone	7.913	82	1039195	39.412	ng	98
26) 2-Nitrophenol	7.989	139	259500	47.906	ng	95
27) 2,4-Dimethylphenol	8.013	122	458374	40.175	ng	99
28) bis(2-Chloroethoxy)met...	8.119	93	589584	37.268	ng	99
29) 2,4-Dichlorophenol	8.231	162	444620	41.047	ng	97
30) 1,2,4-Trichlorobenzene	8.319	180	475681	38.663	ng	99
31) Naphthalene	8.401	128	1409386	38.334	ng	100
32) Benzoic acid	8.125	122	362260m	47.626	ng	
33) 4-Chloroaniline	8.442	127	628224	39.928	ng	100
34) Hexachlorobutadiene	8.513	225	323444	39.135	ng	99
35) Caprolactam	8.825	113	140852	45.855	ng	97
36) 4-Chloro-3-methylphenol	8.913	107	454616	41.706	ng	98
37) 2-Methylnaphthalene	9.095	142	956861	37.800	ng	99
38) 1-Methylnaphthalene	9.195	142	895356	38.014	ng	98
40) 1,2,4,5-Tetrachloroben...	9.260	216	503099	38.039	ng	99
41) Hexachlorocyclopentadiene	9.242	237	304832	42.236	ng	98
43) 2,4,6-Trichlorophenol	9.366	196	338170	41.199	ng	97

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44) 2,4,5-Trichlorophenol	9.401	196	400632	41.733	ng	96
46) 1,1'-Biphenyl	9.560	154	1107208	36.920	ng	100
47) 2-Chloronaphthalene	9.589	162	881995	38.045	ng	98
48) 2-Nitroaniline	9.678	65	324258	43.963	ng	99
49) Acenaphthylene	10.007	152	1422127	38.346	ng	100
50) Dimethylphthalate	9.854	163	1098036	39.883	ng	99
51) 2,6-Dinitrotoluene	9.919	165	247109	46.308	ng	91
52) Acenaphthene	10.178	154	873409	39.153	ng	99
53) 3-Nitroaniline	10.095	138	273380	47.917	ng	94
54) 2,4-Dinitrophenol	10.189	184	122540	51.577	ng	89
55) Dibenzofuran	10.354	168	1323528	38.393	ng	99
56) 4-Nitrophenol	10.231	139	203172	48.931	ng	87
57) 2,4-Dinitrotoluene	10.325	165	327568	51.140	ng	89
58) Fluorene	10.695	166	979942	38.363	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.460	232	319094	43.697	ng	99
60) Diethylphthalate	10.560	149	1085405	40.203	ng	100
61) 4-Chlorophenyl-phenyle...	10.683	204	522796	38.221	ng	98
62) 4-Nitroaniline	10.713	138	255198	48.046	ng	100
63) Azobenzene	10.848	77	1056593	38.995	ng	100
65) 4,6-Dinitro-2-methylph...	10.730	198	175432	46.545	ng	91
66) n-Nitrosodiphenylamine	10.801	169	894371	36.162	ng	99
67) 4-Bromophenyl-phenylether	11.178	248	345537	36.708	ng	99
68) Hexachlorobenzene	11.248	284	352899	37.722	ng	99
69) Atrazine	11.325	200	313782	41.121	ng	98
70) Pentachlorophenol	11.436	266	269496	44.828	ng	98
71) Phenanthrene	11.672	178	1501755	37.056	ng	99
72) Anthracene	11.719	178	1531634	37.357	ng	99
73) Carbazole	11.872	167	1358526	38.791	ng	100
74) Di-n-butylphthalate	12.195	149	1567551	40.208	ng	99
75) Fluoranthene	12.866	202	1653014	39.708	ng	99
77) Benzidine	12.983	184	583428	45.090	ng	99
78) Pyrene	13.101	202	1639324	41.275	ng	99
80) Butylbenzylphthalate	13.707	149	575934	44.724	ng	95
81) Benzo(a)anthracene	14.295	228	1223541	39.741	ng	99
82) 3,3'-Dichlorobenzidine	14.248	252	365320	42.607	ng	# 98
83) Chrysene	14.330	228	1126997	38.457	ng	99
84) Bis(2-ethylhexyl)phtha...	14.266	149	693275	40.584	ng	99
85) Di-n-octyl phthalate	14.901	149	940805	39.211	ng	99
87) Indeno(1,2,3-cd)pyrene	17.565	276	1278770	38.100	ng	99
88) Benzo(b)fluoranthene	15.418	252	1081629	41.593	ng	99
89) Benzo(k)fluoranthene	15.454	252	973237	36.695	ng	100
90) Benzo(a)pyrene	15.830	252	1011246	40.424	ng	100
91) Dibenzo(a,h)anthracene	17.589	278	1024275	40.522	ng	98
92) Benzo(g,h,i)perylene	18.077	276	1086329	37.765	ng	99

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

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