

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050123\
 Data File : BF133156.D
 Acq On : 01 May 2023 15:25
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/02/2023
 Supervised By : Jagrut Upadhyay 05/02/2023

Quant Time: May 02 05:19:09 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 01 15:02:31 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.734	152	201641	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	797320	20.000	ng	0.00
39) Acenaphthene-d10	9.769	164	409305	20.000	ng	0.00
64) Phenanthrene-d10	11.251	188	709193	20.000	ng	0.00
76) Chrysene-d12	13.886	240	470586	20.000	ng	0.00
86) Perylene-d12	15.304	264	409938	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	1020775	76.472	ng	0.00
7) Phenol-d6	6.375	99	1279273	77.213	ng	0.00
23) Nitrobenzene-d5	7.298	82	1139360	77.132	ng	0.00
42) 2,4,6-Tribromophenol	10.557	330	328872	79.894	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	1897185	77.546	ng	0.00
79) Terphenyl-d14	12.839	244	2084881	76.410	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.387	88	242197	39.118	ng	98
3) Pyridine	3.081	79	669744	40.728	ng	97
4) n-Nitrosodimethylamine	3.040	42	315991	37.098	ng	96
6) Aniline	6.398	93	828249	38.814	ng	99
8) 2-Chlorophenol	6.516	128	524905	38.730	ng	99
9) Benzaldehyde	6.275	77	308816	40.627	ng	97
10) Phenol	6.387	94	683486	37.395	ng	84
11) bis(2-Chloroethyl)ether	6.469	93	516487	37.657	ng	98
12) 1,3-Dichlorobenzene	6.675	146	551633	38.283	ng	96
13) 1,4-Dichlorobenzene	6.751	146	550684	38.133	ng	97
14) 1,2-Dichlorobenzene	6.904	146	518440	38.940	ng	98
15) Benzyl Alcohol	6.881	79	449925	39.313	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.016	45	847656	35.582	ng	97
17) 2-Methylphenol	6.992	107	477103	38.445	ng	99
18) Hexachloroethane	7.245	117	193414	38.523	ng	95
19) n-Nitroso-di-n-propyla...	7.151	70	361669	35.064	ng	99
20) 3+4-Methylphenols	7.151	107	556302	38.064	ng	89
22) Acetophenone	7.145	105	702151	38.017	ng	99
24) Nitrobenzene	7.316	77	579353	38.705	ng	95
25) Isophorone	7.557	82	1057714	37.713	ng	98
26) 2-Nitrophenol	7.634	139	300484	41.620	ng	98
27) 2,4-Dimethylphenol	7.681	122	479441	38.728	ng	97
28) bis(2-Chloroethoxy)met...	7.769	93	627096	37.796	ng	99
29) 2,4-Dichlorophenol	7.881	162	448672	39.812	ng	96
30) 1,2,4-Trichlorobenzene	7.963	180	456266	39.079	ng	98
31) Naphthalene	8.039	128	1532109	38.434	ng	99
32) Benzoic acid	7.798	122	365344m	47.777	ng	
33) 4-Chloroaniline	8.092	127	672696	41.766	ng	98
34) Hexachlorobutadiene	8.157	225	252444	39.011	ng	99
35) Caprolactam	8.469	113	159130	42.032	ng	# 85
36) 4-Chloro-3-methylphenol	8.575	107	484604	39.875	ng	97
37) 2-Methylnaphthalene	8.728	142	1058783	38.849	ng	99
38) 1-Methylnaphthalene	8.828	142	997687	39.132	ng	100
40) 1,2,4,5-Tetrachloroben...	8.898	216	412303	37.465	ng	99
41) Hexachlorocyclopentadiene	8.886	237	243263	37.902	ng	98
43) 2,4,6-Trichlorophenol	9.010	196	297973	39.152	ng	100

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44) 2,4,5-Trichlorophenol	9.051	196	348551	39.599	ng	97
46) 1,1'-Biphenyl	9.192	154	1243965	38.328	ng	99
47) 2-Chloronaphthalene	9.216	162	917881	38.638	ng	99
48) 2-Nitroaniline	9.316	65	316876	40.360	ng	95
49) Acenaphthylene	9.633	152	1488169	39.206	ng	99
50) Dimethylphthalate	9.498	163	1102094	38.616	ng	100
51) 2,6-Dinitrotoluene	9.557	165	257721	40.121	ng	91
52) Acenaphthene	9.804	154	896788	35.275	ng	99
53) 3-Nitroaniline	9.728	138	312378	40.899	ng	93
54) 2,4-Dinitrophenol	9.828	184	139645	43.249	ng	94
55) Dibenzofuran	9.975	168	1309128	37.750	ng	100
56) 4-Nitrophenol	9.886	139	224221	37.903	ng	95
57) 2,4-Dinitrotoluene	9.957	165	334850	40.876	ng	91
58) Fluorene	10.316	166	947374	37.288	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.092	232	262797	38.511	ng	96
60) Diethylphthalate	10.198	149	998441	37.037	ng	98
61) 4-Chlorophenyl-phenyle...	10.310	204	462186	37.329	ng	96
62) 4-Nitroaniline	10.339	138	292582	41.679	ng	96
63) Azobenzene	10.475	77	976123	34.181	ng	93
65) 4,6-Dinitro-2-methylph...	10.369	198	190680	44.359	ng	98
66) n-Nitrosodiphenylamine	10.433	169	875043	38.038	ng	98
67) 4-Bromophenyl-phenylether	10.798	248	297398	38.665	ng	95
68) Hexachlorobenzene	10.869	284	312432	39.641	ng	94
69) Atrazine	10.957	200	264632	39.923	ng	99
70) Pentachlorophenol	11.057	266	223151	39.755	ng	96
71) Phenanthrene	11.275	178	1443083	37.859	ng	100
72) Anthracene	11.327	178	1494024	38.300	ng	99
73) Carbazole	11.486	167	1339676	38.569	ng	99
74) Di-n-butylphthalate	11.822	149	1554953	39.559	ng	99
75) Fluoranthene	12.463	202	1485885	38.842	ng	97
77) Benzidine	12.580	184	423864	53.264	ng	94
78) Pyrene	12.692	202	1539769	38.170	ng	100
80) Butylbenzylphthalate	13.316	149	672994	47.117	ng	99
81) Benzo(a)anthracene	13.874	228	1210624	37.410	ng	99
82) 3,3'-Dichlorobenzidine	13.839	252	389671	43.589	ng	98
83) Chrysene	13.916	228	1239872	38.324	ng	99
84) Bis(2-ethylhexyl)phtha...	13.874	149	763381	42.580	ng	# 99
85) Di-n-octyl phthalate	14.486	149	1224688	41.894	ng	96
87) Indeno(1,2,3-cd)pyrene	16.686	276	982327	42.127	ng	99
88) Benzo(b)fluoranthene	14.904	252	1027070	39.382	ng	100
89) Benzo(k)fluoranthene	14.933	252	969400	37.497	ng	99
90) Benzo(a)pyrene	15.245	252	920981	38.798	ng	99
91) Dibenzo(a,h)anthracene	16.704	278	818612	42.091	ng	98
92) Benzo(g,h,i)perylene	17.098	276	834830	43.479	ng	98

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

