

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052822\
 Data File : BF128539.D
 Acq On : 28 May 2022 10:18
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/29/2022
 Supervised By : Jagrut Upadhyay 05/31/2022

Quant Time: May 28 22:41:12 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 27 01:51:59 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	184281	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	651968	20.000	ng	0.00
39) Acenaphthene-d10	9.881	164	350591	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	623419	20.000	ng	0.00
76) Chrysene-d12	14.010	240	393383	20.000	ng	0.00
86) Perylene-d12	15.468	264	359069	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	863656	77.630	ng	0.00
7) Phenol-d6	6.469	99	1084794	76.474	ng	0.00
23) Nitrobenzene-d5	7.404	82	995666	88.100	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	273411	81.932	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1729800	80.159	ng	0.00
79) Terphenyl-d14	12.957	244	1652021	81.133	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.599	88	197776	39.868	ng	98
3) Pyridine	3.340	79	507075	39.481	ng	97
4) n-Nitrosodimethylamine	3.293	42	264668	39.325	ng	94
6) Aniline	6.504	93	636506	38.453	ng	99
8) 2-Chlorophenol	6.628	128	449913	39.001	ng	99
9) Benzaldehyde	6.393	77	268128	44.221	ng	99
10) Phenol	6.481	94	533960m	37.987	ng	
11) bis(2-Chloroethyl)ether	6.581	93	427886	37.186	ng	98
12) 1,3-Dichlorobenzene	6.781	146	513126	39.150	ng	99
13) 1,4-Dichlorobenzene	6.857	146	516601	38.968	ng	99
14) 1,2-Dichlorobenzene	7.010	146	473590	38.814	ng	97
15) Benzyl Alcohol	6.981	79	416279	38.477	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.116	45	758711	37.256	ng	98
17) 2-Methylphenol	7.087	107	370272	37.712	ng	97
18) Hexachloroethane	7.351	117	186194	39.816	ng	91
19) n-Nitroso-di-n-propyla...	7.257	70	314717	36.185	ng	98
20) 3+4-Methylphenols	7.245	107	443926	37.426	ng	# 89
22) Acetophenone	7.251	105	586245	38.997	ng	96
24) Nitrobenzene	7.422	77	472998	42.334	ng	99
25) Isophorone	7.663	82	801745	38.456	ng	99
26) 2-Nitrophenol	7.739	139	224929	48.167	ng	97
27) 2,4-Dimethylphenol	7.775	122	369521m	39.810	ng	
28) bis(2-Chloroethoxy)met...	7.875	93	526217	38.891	ng	99
29) 2,4-Dichlorophenol	7.975	162	380747	39.637	ng	99
30) 1,2,4-Trichlorobenzene	8.063	180	417255	40.101	ng	99
31) Naphthalene	8.145	128	1272361	39.874	ng	100
32) Benzoic acid	7.887	122	305297	46.529	ng	96
33) 4-Chloroaniline	8.192	127	508666	40.036	ng	99
34) Hexachlorobutadiene	8.263	225	266016	40.492	ng	100
35) Caprolactam	8.569	113	113135	38.194	ng	96
36) 4-Chloro-3-methylphenol	8.669	107	397316	40.262	ng	99
37) 2-Methylnaphthalene	8.834	142	790823	39.263	ng	100
38) 1-Methylnaphthalene	8.934	142	774093	39.516	ng	98
40) 1,2,4,5-Tetrachloroben...	8.998	216	394663	40.994	ng	99
41) Hexachlorocyclopentadiene	8.992	237	227390	42.018	ng	97
43) 2,4,6-Trichlorophenol	9.110	196	284995	40.143	ng	98

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44) 2,4,5-Trichlorophenol	9.151	196	303215	41.450	ng	97
46) 1,1'-Biphenyl	9.304	154	989160	40.181	ng	99
47) 2-Chloronaphthalene	9.328	162	774344	40.070	ng	98
48) 2-Nitroaniline	9.422	65	257667	47.949	ng	98
49) Acenaphthylene	9.745	152	1199890	40.417	ng	99
50) Dimethylphthalate	9.604	163	910490	40.036	ng	99
51) 2,6-Dinitrotoluene	9.663	165	193826	46.505	ng	92
52) Acenaphthene	9.916	154	743355	40.583	ng	99
53) 3-Nitroaniline	9.833	138	211942	44.032	ng #	95
54) 2,4-Dinitrophenol	9.933	184	92047	46.649	ng	91
55) Dibenzofuran	10.086	168	1079944	39.738	ng	97
56) 4-Nitrophenol	9.981	139	170182	43.571	ng	84
57) 2,4-Dinitrotoluene	10.063	165	247800	49.696	ng	97
58) Fluorene	10.428	166	783286	40.036	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.198	232	243539	41.082	ng	100
60) Diethylphthalate	10.304	149	887260	40.163	ng	100
61) 4-Chlorophenyl-phenyle...	10.422	204	397355	40.030	ng	95
62) 4-Nitroaniline	10.445	138	212197	46.045	ng	98
63) Azobenzene	10.580	77	892920	39.703	ng	98
65) 4,6-Dinitro-2-methylph...	10.475	198	130256	45.532	ng	85
66) n-Nitrosodiphenylamine	10.539	169	755650	40.486	ng	100
67) 4-Bromophenyl-phenylether	10.910	248	262114	40.694	ng	94
68) Hexachlorobenzene	10.975	284	288783	40.600	ng	94
69) Atrazine	11.069	200	225400	38.911	ng	99
70) Pentachlorophenol	11.163	266	177364	40.919	ng	97
71) Phenanthrene	11.392	178	1179876	39.952	ng	99
72) Anthracene	11.445	178	1168309	39.605	ng	99
73) Carbazole	11.598	167	1113912	39.402	ng	98
74) Di-n-butylphthalate	11.933	149	1334621	40.110	ng	99
75) Fluoranthene	12.580	202	1195476	37.864	ng	98
77) Benzidine	12.698	184	329942	36.363	ng	100
78) Pyrene	12.810	202	1215525	41.015	ng	99
80) Butylbenzylphthalate	13.433	149	509411	40.752	ng	95
81) Benzo(a)anthracene	13.998	228	906211	38.757	ng	100
82) 3,3'-Dichlorobenzidine	13.963	252	242265	40.464	ng	98
83) Chrysene	14.033	228	944199	39.431	ng	100
84) Bis(2-ethylhexyl)phtha...	13.992	149	625259	41.356	ng	100
85) Di-n-octyl phthalate	14.610	149	1055883	39.675	ng	100
87) Indeno(1,2,3-cd)pyrene	16.933	276	958800	45.273	ng	97
88) Benzo(b)fluoranthene	15.045	252	824702	36.921	ng	98
89) Benzo(k)fluoranthene	15.074	252	845110	40.836	ng	98
90) Benzo(a)pyrene	15.410	252	712661	39.767	ng	99
91) Dibenzo(a,h)anthracene	16.951	278	800069	45.563	ng	98
92) Benzo(g,h,i)perylene	17.374	276	798321	45.836	ng	99

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

