

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052722\
 Data File : BF128499.D
 Acq On : 27 May 2022 09:38
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/28/2022
 Supervised By : Jagrut Upadhyay 05/31/2022

Quant Time: May 27 23:17:09 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	245809	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	899668	20.000	ng	0.00
39) Acenaphthene-d10	9.881	164	496521	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	886495	20.000	ng	0.00
76) Chrysene-d12	14.010	240	592948	20.000	ng	0.00
86) Perylene-d12	15.468	264	497064	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	1139641	76.796	ng	0.00
7) Phenol-d6	6.469	99	1453590	76.823	ng	0.00
23) Nitrobenzene-d5	7.410	82	1318642	84.553	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	368836	78.043	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	2275903	74.469	ng	0.00
79) Terphenyl-d14	12.957	244	2357140	76.801	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.628	88	263939	39.887	ng	98
3) Pyridine	3.363	79	690531	40.307	ng	99
4) n-Nitrosodimethylamine	3.328	42	361149	40.229	ng	97
6) Aniline	6.504	93	888567	40.244	ng	100
8) 2-Chlorophenol	6.628	128	597421	38.825	ng	98
9) Benzaldehyde	6.393	77	385460	49.612	ng	97
10) Phenol	6.481	94	716185m	38.197	ng	
11) bis(2-Chloroethyl)ether	6.581	93	588981	38.374	ng	97
12) 1,3-Dichlorobenzene	6.781	146	688856	39.402	ng	99
13) 1,4-Dichlorobenzene	6.857	146	688222	38.919	ng	99
14) 1,2-Dichlorobenzene	7.010	146	622830	38.268	ng	98
15) Benzyl Alcohol	6.981	79	533955m	37.000	ng	
16) 2,2'-oxybis(1-Chloropr...	7.116	45	1042911	38.393	ng	99
17) 2-Methylphenol	7.087	107	505685	38.612	ng	98
18) Hexachloroethane	7.357	117	247854	39.735	ng	98
19) n-Nitroso-di-n-propyla...	7.263	70	431291	37.176	ng	98
20) 3+4-Methylphenols	7.245	107	596958	37.730	ng	94
22) Acetophenone	7.251	105	789946	38.080	ng	# 93
24) Nitrobenzene	7.428	77	633227	41.071	ng	96
25) Isophorone	7.663	82	1109068	38.550	ng	98
26) 2-Nitrophenol	7.740	139	298836	46.375	ng	98
27) 2,4-Dimethylphenol	7.775	122	517234	40.382	ng	99
28) bis(2-Chloroethoxy)met...	7.875	93	717272	38.416	ng	99
29) 2,4-Dichlorophenol	7.975	162	521845	39.368	ng	100
30) 1,2,4-Trichlorobenzene	8.063	180	565140	39.360	ng	100
31) Naphthalene	8.145	128	1692972	38.448	ng	99
32) Benzoic acid	7.898	122	426612m	47.117	ng	
33) 4-Chloroaniline	8.192	127	685573	39.103	ng	99
34) Hexachlorobutadiene	8.263	225	358307	39.524	ng	99
35) Caprolactam	8.575	113	161266	39.454	ng	97
36) 4-Chloro-3-methylphenol	8.675	107	534844	39.277	ng	95
37) 2-Methylnaphthalene	8.834	142	1084216	39.009	ng	99
38) 1-Methylnaphthalene	8.934	142	1046008	38.695	ng	98
40) 1,2,4,5-Tetrachloroben...	9.004	216	535715	39.291	ng	99
41) Hexachlorocyclopentadiene	8.992	237	312874	40.822	ng	97
43) 2,4,6-Trichlorophenol	9.110	196	369640	36.763	ng	97

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44) 2,4,5-Trichlorophenol	9.145	196	417900	40.338	ng	94
46) 1,1'-Biphenyl	9.304	154	1323745	37.968	ng	99
47) 2-Chloronaphthalene	9.328	162	1054246	38.520	ng	99
48) 2-Nitroaniline	9.422	65	348253	45.759	ng	99
49) Acenaphthylene	9.745	152	1626180	38.677	ng	100
50) Dimethylphthalate	9.610	163	1238048	38.440	ng	100
51) 2,6-Dinitrotoluene	9.663	165	265057	44.904	ng	# 85
52) Acenaphthene	9.916	154	1013745	39.079	ng	99
53) 3-Nitroaniline	9.834	138	299990	44.007	ng	97
54) 2,4-Dinitrophenol	9.934	184	113046	41.359	ng	95
55) Dibenzofuran	10.086	168	1500406	38.983	ng	97
56) 4-Nitrophenol	9.981	139	226394	40.928	ng	89
57) 2,4-Dinitrotoluene	10.069	165	342389	48.484	ng	91
58) Fluorene	10.433	166	1037506	37.444	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.198	232	324506	38.652	ng	99
60) Diethylphthalate	10.310	149	1226071	39.188	ng	98
61) 4-Chlorophenyl-phenyle...	10.422	204	534948	38.052	ng	95
62) 4-Nitroaniline	10.451	138	290592	44.524	ng	100
63) Azobenzene	10.586	77	1231148	38.653	ng	97
65) 4,6-Dinitro-2-methylph...	10.475	198	172555	42.794	ng	95
66) n-Nitrosodiphenylamine	10.545	169	1036068	39.037	ng	99
67) 4-Bromophenyl-phenylether	10.916	248	362124	39.537	ng	96
68) Hexachlorobenzene	10.975	284	399151	39.464	ng	96
69) Atrazine	11.069	200	323772	39.306	ng	99
70) Pentachlorophenol	11.163	266	241423	39.169	ng	99
71) Phenanthrene	11.392	178	1622731	38.641	ng	99
72) Anthracene	11.445	178	1620221	38.625	ng	99
73) Carbazole	11.598	167	1546158	38.461	ng	99
74) Di-n-butylphthalate	11.933	149	1834828	38.779	ng	100
75) Fluoranthene	12.580	202	1723709	38.393	ng	100
77) Benzidine	12.704	184	598984	43.796	ng	99
78) Pyrene	12.810	202	1757882	39.353	ng	99
80) Butylbenzylphthalate	13.433	149	755995	40.124	ng	98
81) Benzo(a)anthracene	13.998	228	1341241	38.057	ng	99
82) 3,3'-Dichlorobenzidine	13.963	252	362166	40.132	ng	98
83) Chrysene	14.039	228	1394662	38.641	ng	100
84) Bis(2-ethylhexyl)phtha...	13.998	149	906209	39.766	ng	100
85) Di-n-octyl phthalate	14.610	149	1601233	39.917	ng	100
87) Indeno(1,2,3-cd)pyrene	16.933	276	1188081	40.525	ng	98
88) Benzo(b)fluoranthene	15.045	252	1286179	41.596	ng	99
89) Benzo(k)fluoranthene	15.080	252	1110917	38.777	ng	98
90) Benzo(a)pyrene	15.410	252	976101	39.346	ng	99
91) Dibenzo(a,h)anthracene	16.951	278	970037	39.906	ng	99
92) Benzo(g,h,i)perylene	17.374	276	942246	39.080	ng	99

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

