

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF053122\
 Data File : BF128587.D
 Acq On : 31 May 2022 10:03
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 06/01/2022
 Supervised By : Jagrut Upadhyay 06/01/2022

Quant Time: Jun 01 00:55:53 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	135828	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	498878	20.000	ng	# 0.00
39) Acenaphthene-d10	9.887	164	280224	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	529057	20.000	ng	0.00
76) Chrysene-d12	14.016	240	351293	20.000	ng	0.00
86) Perylene-d12	15.480	264	273866	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	635826	77.538	ng	0.00
7) Phenol-d6	6.475	99	812329	77.694	ng	0.00
23) Nitrobenzene-d5	7.410	82	806462	93.256	ng	0.00
42) 2,4,6-Tribromophenol	10.675	330	258785	97.023	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1517147	87.959	ng	0.00
79) Terphenyl-d14	12.963	244	1610943	88.595	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.611	88	125920	34.438	ng	95
3) Pyridine	3.352	79	341361	36.060	ng	94
4) n-Nitrosodimethylamine	3.310	42	201857	40.691	ng	# 82
6) Aniline	6.504	93	464924	38.107	ng	96
8) 2-Chlorophenol	6.628	128	342066	40.230	ng	96
9) Benzaldehyde	6.393	77	218281	51.531	ng	94
10) Phenol	6.493	94	414454m	40.003	ng	
11) bis(2-Chloroethyl)ether	6.581	93	321545	37.912	ng	100
12) 1,3-Dichlorobenzene	6.787	146	393868	40.771	ng	98
13) 1,4-Dichlorobenzene	6.863	146	399710	40.906	ng	99
14) 1,2-Dichlorobenzene	7.016	146	369972	41.138	ng	100
15) Benzyl Alcohol	6.987	79	335520	42.075	ng	95
16) 2,2'-oxybis(1-Chloropr...	7.116	45	563808	37.562	ng	98
17) 2-Methylphenol	7.098	107	276734	38.240	ng	95
18) Hexachloroethane	7.357	117	148005	42.940	ng	97
19) n-Nitroso-di-n-propyla...	7.263	70	251582	39.244	ng	99
20) 3+4-Methylphenols	7.251	107	349529	39.979	ng	# 82
22) Acetophenone	7.257	105	479612	41.694	ng	94
24) Nitrobenzene	7.428	77	377771	44.187	ng	98
25) Isophorone	7.669	82	640369	40.141	ng	98
26) 2-Nitrophenol	7.740	139	174196	48.750	ng	# 85
27) 2,4-Dimethylphenol	7.781	122	278727m	39.244	ng	
28) bis(2-Chloroethoxy)met...	7.875	93	412117	39.805	ng	99
29) 2,4-Dichlorophenol	7.981	162	307619	41.851	ng	98
30) 1,2,4-Trichlorobenzene	8.069	180	330132	41.464	ng	97
31) Naphthalene	8.151	128	999085	40.918	ng	99
32) Benzoic acid	7.910	122	223082	44.432	ng	95
33) 4-Chloroaniline	8.198	127	387103	39.817	ng	100
34) Hexachlorobutadiene	8.263	225	234393	46.627	ng	99
35) Caprolactam	8.587	113	91481	40.361	ng	# 88
36) 4-Chloro-3-methylphenol	8.681	107	329097	43.583	ng	97
37) 2-Methylnaphthalene	8.840	142	641502	41.623	ng	99
38) 1-Methylnaphthalene	8.940	142	620523	41.397	ng	99
40) 1,2,4,5-Tetrachloroben...	9.004	216	336577	43.739	ng	99
41) Hexachlorocyclopentadiene	8.992	237	195381	45.169	ng	99
43) 2,4,6-Trichlorophenol	9.116	196	232894	41.042	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.163	196	252419	43.171	ng	97
46) 1,1'-Biphenyl	9.304	154	829817	42.173	ng	98
47) 2-Chloronaphthalene	9.328	162	636012	41.176	ng	97
48) 2-Nitroaniline	9.428	65	220918	51.434	ng	97
49) Acenaphthylene	9.745	152	973610	41.031	ng	99
50) Dimethylphthalate	9.610	163	784605	43.165	ng	100
51) 2,6-Dinitrotoluene	9.669	165	159821	47.975	ng	# 82
52) Acenaphthene	9.922	154	629955	43.029	ng	99
53) 3-Nitroaniline	9.839	138	175069	45.505	ng	99
54) 2,4-Dinitrophenol	9.945	184	79503	49.860	ng	91
55) Dibenzofuran	10.092	168	909918	41.889	ng	96
56) 4-Nitrophenol	9.998	139	131606	42.156	ng	# 77
57) 2,4-Dinitrotoluene	10.075	165	213640	53.604	ng	96
58) Fluorene	10.434	166	680869	43.540	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.210	232	211365	44.608	ng	99
60) Diethylphthalate	10.310	149	784821	44.447	ng	99
61) 4-Chlorophenyl-phenyle...	10.428	204	358892	45.234	ng	97
62) 4-Nitroaniline	10.457	138	173308	47.050	ng	90
63) Azobenzene	10.586	77	757319	42.129	ng	98
65) 4,6-Dinitro-2-methylph...	10.481	198	118408	48.381	ng	94
66) n-Nitrosodiphenylamine	10.545	169	644201	40.671	ng	99
67) 4-Bromophenyl-phenylether	10.916	248	234770	42.950	ng	96
68) Hexachlorobenzene	10.981	284	262758	43.530	ng	95
69) Atrazine	11.075	200	209837	42.685	ng	97
70) Pentachlorophenol	11.175	266	149172	40.553	ng	98
71) Phenanthrene	11.398	178	1028587	41.041	ng	99
72) Anthracene	11.451	178	1012394	40.441	ng	100
73) Carbazole	11.604	167	950736	39.628	ng	100
74) Di-n-butylphthalate	11.933	149	1208240	42.788	ng	99
75) Fluoranthene	12.586	202	1077550	40.216	ng	98
77) Benzidine	12.704	184	349612	43.147	ng	98
78) Pyrene	12.816	202	1087806	41.104	ng	98
80) Butylbenzylphthalate	13.433	149	472786	42.354	ng	98
81) Benzo(a)anthracene	14.004	228	853384	40.871	ng	99
82) 3,3'-Dichlorobenzidine	13.969	252	222691	41.651	ng	97
83) Chrysene	14.045	228	840064	39.286	ng	99
84) Bis(2-ethylhexyl)phtha...	13.998	149	630255	46.681	ng	99
85) Di-n-octyl phthalate	14.610	149	991166	41.706	ng	100
87) Indeno(1,2,3-cd)pyrene	16.945	276	663697	41.089	ng	# 93
88) Benzo(b)fluoranthene	15.057	252	702744	41.249	ng	# 96
89) Benzo(k)fluoranthene	15.086	252	660424	41.840	ng	# 97
90) Benzo(a)pyrene	15.421	252	547302	40.041	ng	# 97
91) Dibenzo(a,h)anthracene	16.968	278	552434	41.248	ng	# 96
92) Benzo(g,h,i)perylene	17.392	276	536440	40.382	ng	# 93

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

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