

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072122\
 Data File : BF129293.D
 Acq On : 21 Jul 2022 12:38
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 07/22/2022
 Supervised By : Jagrut Upadhyay 07/22/2022

Quant Time: Jul 21 13:57:22 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 20 13:42:18 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	173601	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	661345	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	344547	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	586625	20.000	ng	0.00
76) Chrysene-d12	14.074	240	355083	20.000	ng	0.00
86) Perylene-d12	15.562	264	279399	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	849328	79.797	ng	0.00
7) Phenol-d6	6.522	99	1073128	79.092	ng	0.00
23) Nitrobenzene-d5	7.463	82	992860	80.768	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	274763	82.656	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	1686143	75.284	ng	0.00
79) Terphenyl-d14	13.016	244	1626522	85.312	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.681	88	182034	38.571	ng	92
3) Pyridine	3.469	79	509012	39.064	ng	91
4) n-Nitrosodimethylamine	3.422	42	248007	42.391	ng	# 99
6) Aniline	6.563	93	648780	38.860	ng	100
8) 2-Chlorophenol	6.681	128	463123	39.692	ng	98
9) Benzaldehyde	6.451	77	361332	38.823	ng	99
10) Phenol	6.539	94	566208m	39.708	ng	
11) bis(2-Chloroethyl)ether	6.634	93	435173	38.554	ng	92
12) 1,3-Dichlorobenzene	6.834	146	502147	39.930	ng	97
13) 1,4-Dichlorobenzene	6.916	146	510562	40.124	ng	99
14) 1,2-Dichlorobenzene	7.069	146	470163	39.988	ng	99
15) Benzyl Alcohol	7.039	79	413533	42.010	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.169	45	657847	38.230	ng	94
17) 2-Methylphenol	7.145	107	375526	39.491	ng	99
18) Hexachloroethane	7.410	117	194615	40.764	ng	95
19) n-Nitroso-di-n-propyla...	7.310	70	319471	39.518	ng	95
20) 3+4-Methylphenols	7.298	107	479705	38.679	ng	99
22) Acetophenone	7.304	105	626313	40.333	ng	# 95
24) Nitrobenzene	7.481	77	505178	39.900	ng	98
25) Isophorone	7.716	82	842883	39.055	ng	99
26) 2-Nitrophenol	7.792	139	245082	40.117	ng	98
27) 2,4-Dimethylphenol	7.828	122	363088m	39.507	ng	
28) bis(2-Chloroethoxy)met...	7.922	93	486965	38.949	ng	99
29) 2,4-Dichlorophenol	8.034	162	380619	39.816	ng	100
30) 1,2,4-Trichlorobenzene	8.122	180	394424	39.701	ng	96
31) Naphthalene	8.204	128	1351214	39.836	ng	99
32) Benzoic acid	7.939	122	265558	39.532	ng	96
33) 4-Chloroaniline	8.251	127	543938	39.317	ng	97
34) Hexachlorobutadiene	8.316	225	234329	41.266	ng	98
35) Caprolactam	8.622	113	121173m	39.744	ng	
36) 4-Chloro-3-methylphenol	8.728	107	411299	40.499	ng	96
37) 2-Methylnaphthalene	8.892	142	876229	39.866	ng	99
38) 1-Methylnaphthalene	8.992	142	843516	39.667	ng	98
40) 1,2,4,5-Tetrachloroben...	9.057	216	364020	40.244	ng	98
41) Hexachlorocyclopentadiene	9.039	237	176983	44.391	ng	98
43) 2,4,6-Trichlorophenol	9.169	196	261520	39.562	ng	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	287387	40.077	ng	96
46) 1,1'-Biphenyl	9.357	154	1010001	39.671	ng	99
47) 2-Chloronaphthalene	9.380	162	810427	39.739	ng	99
48) 2-Nitroaniline	9.480	65	277516	40.518	ng	93
49) Acenaphthylene	9.798	152	1247845	39.844	ng	100
50) Dimethylphthalate	9.657	163	950119	40.138	ng	100
51) 2,6-Dinitrotoluene	9.722	165	208994	39.431	ng	95
52) Acenaphthene	9.975	154	816641	40.180	ng	100
53) 3-Nitroaniline	9.892	138	246178	39.035	ng	# 97
54) 2,4-Dinitrophenol	9.998	184	106766	39.808	ng	89
55) Dibenzofuran	10.145	168	1124711	39.821	ng	97
56) 4-Nitrophenol	10.045	139	185061	40.183	ng	91
57) 2,4-Dinitrotoluene	10.127	165	287682	41.403	ng	91
58) Fluorene	10.486	166	905938	40.189	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.263	232	223922m	40.505	ng	
60) Diethylphthalate	10.351	149	926246	40.670	ng	98
61) 4-Chlorophenyl-phenyle...	10.475	204	396653	40.220	ng	# 88
62) 4-Nitroaniline	10.510	138	241984	38.848	ng	98
63) Azobenzene	10.639	77	938684	39.839	ng	96
65) 4,6-Dinitro-2-methylph...	10.533	198	153131	42.441	ng	96
66) n-Nitrosodiphenylamine	10.598	169	772695	39.842	ng	97
67) 4-Bromophenyl-phenylether	10.969	248	252903	39.956	ng	94
68) Hexachlorobenzene	11.033	284	276629	39.904	ng	94
69) Atrazine	11.122	200	235045	39.654	ng	96
70) Pentachlorophenol	11.227	266	162730	42.697	ng	97
71) Phenanthrene	11.451	178	1271678	39.495	ng	99
72) Anthracene	11.504	178	1264988	39.650	ng	99
73) Carbazole	11.657	167	1170255	39.323	ng	99
74) Di-n-butylphthalate	11.980	149	1369987	39.842	ng	100
75) Fluoranthene	12.645	202	1276111	38.888	ng	100
77) Benzidine	12.763	184	598176	42.272	ng	100
78) Pyrene	12.874	202	1292258	42.551	ng	99
80) Butylbenzylphthalate	13.486	149	512857	41.385	ng	92
81) Benzo(a)anthracene	14.063	228	970871	39.707	ng	99
82) 3,3'-Dichlorobenzidine	14.021	252	317288	39.533	ng	# 97
83) Chrysene	14.104	228	921398	39.925	ng	98
84) Bis(2-ethylhexyl)phtha...	14.039	149	609107	40.025	ng	98
85) Di-n-octyl phthalate	14.651	149	840574	38.595	ng	98
87) Indeno(1,2,3-cd)pyrene	17.086	276	839463	43.827	ng	99
88) Benzo(b)fluoranthene	15.127	252	741651	39.882	ng	99
89) Benzo(k)fluoranthene	15.157	252	723557	40.071	ng	100
90) Benzo(a)pyrene	15.498	252	593965	39.475	ng	99
91) Dibenzo(a,h)anthracene	17.098	278	678645	43.959	ng	100
92) Benzo(g,h,i)perylene	17.545	276	711186	44.333	ng	99

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

