

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080822\
 Data File : BF129627.D
 Acq On : 08 Aug 2022 11:23
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 08/09/2022
 Supervised By : Jagrut Upadhyay 08/09/2022

Quant Time: Aug 08 14:36:49 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 05 16:27:34 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	211880	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	825722	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	434418	20.000	ng	0.00
64) Phenanthrene-d10	11.374	188	723529	20.000	ng	0.00
76) Chrysene-d12	14.021	240	437062	20.000	ng	# 0.00
86) Perylene-d12	15.498	264	389771	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	1007810	77.484	ng	0.00
7) Phenol-d6	6.498	99	1292053	79.031	ng	0.00
23) Nitrobenzene-d5	7.416	82	1247371	82.464	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	343374	82.214	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	2198551	78.290	ng	0.00
79) Terphenyl-d14	12.963	244	2085189	90.007	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.593	88	216290	36.856	ng	87
3) Pyridine	3.375	79	605986	37.184	ng	89
4) n-Nitrosodimethylamine	3.334	42	274842	38.405	ng	90
6) Aniline	6.516	93	736073	36.217	ng	# 57
8) 2-Chlorophenol	6.639	128	575071	40.469	ng	95
9) Benzaldehyde	6.398	77	397087	35.766	ng	97
10) Phenol	6.510	94	692693m	39.787	ng	
11) bis(2-Chloroethyl)ether	6.581	93	552470	40.013	ng	95
12) 1,3-Dichlorobenzene	6.786	146	613993	40.287	ng	98
13) 1,4-Dichlorobenzene	6.863	146	622382	40.155	ng	98
14) 1,2-Dichlorobenzene	7.016	146	573781	40.275	ng	98
15) Benzyl Alcohol	6.992	79	498584	42.050	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.122	45	752059	36.236	ng	66
17) 2-Methylphenol	7.110	107	463078	39.282	ng	# 91
18) Hexachloroethane	7.351	117	242057	41.475	ng	90
19) n-Nitroso-di-n-propyla...	7.263	70	408895	41.314	ng	92
20) 3+4-Methylphenols	7.269	107	589136	39.305	ng	# 88
22) Acetophenone	7.257	105	786242	40.898	ng	98
24) Nitrobenzene	7.434	77	619630	39.780	ng	97
25) Isophorone	7.675	82	1084511	39.998	ng	97
26) 2-Nitrophenol	7.745	139	319774	41.614	ng	98
27) 2,4-Dimethylphenol	7.786	122	469873m	40.765	ng	
28) bis(2-Chloroethoxy)met...	7.875	93	643862	40.935	ng	100
29) 2,4-Dichlorophenol	7.992	162	487344	40.964	ng	99
30) 1,2,4-Trichlorobenzene	8.069	180	504268	40.950	ng	98
31) Naphthalene	8.151	128	1684867	40.162	ng	99
32) Benzoic acid	7.933	122	236508m	28.382	ng	
33) 4-Chloroaniline	8.204	127	682368	39.618	ng	98
34) Hexachlorobutadiene	8.257	225	308126	44.019	ng	99
35) Caprolactam	8.598	113	151187m	39.088	ng	
36) 4-Chloro-3-methylphenol	8.698	107	523215	41.465	ng	97
37) 2-Methylnaphthalene	8.839	142	1110573	40.736	ng	100
38) 1-Methylnaphthalene	8.945	142	1085251	41.236	ng	98
40) 1,2,4,5-Tetrachloroben...	9.010	216	483819	42.415	ng	99
41) Hexachlorocyclopentadiene	8.986	237	196983	38.781	ng	97
43) 2,4,6-Trichlorophenol	9.128	196	331666	40.032	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.175	196	357327	39.660	ng	# 94
46) 1,1'-Biphenyl	9.310	154	1301708	41.058	ng	98
47) 2-Chloronaphthalene	9.333	162	1030313	40.200	ng	99
48) 2-Nitroaniline	9.439	65	337597	39.613	ng	# 84
49) Acenaphthylene	9.751	152	1534482	39.403	ng	100
50) Dimethylphthalate	9.610	163	1259323	41.993	ng	99
51) 2,6-Dinitrotoluene	9.680	165	275858	41.098	ng	95
52) Acenaphthene	9.922	154	1032333m	40.586	ng	
53) 3-Nitroaniline	9.851	138	304676	38.440	ng	# 96
54) 2,4-Dinitrophenol	9.963	184	129010	37.650	ng	# 83
55) Dibenzofuran	10.092	168	1401307	39.964	ng	95
56) 4-Nitrophenol	10.027	139	199476	34.114	ng	94
57) 2,4-Dinitrotoluene	10.086	165	344833	39.326	ng	96
58) Fluorene	10.439	166	1154407	41.147	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.216	232	267717	38.451	ng	92
60) Diethylphthalate	10.304	149	1226528	42.308	ng	98
61) 4-Chlorophenyl-phenyle...	10.427	204	524553	42.410	ng	96
62) 4-Nitroaniline	10.474	138	292678	37.224	ng	92
63) Azobenzene	10.586	77	1182124	39.978	ng	95
65) 4,6-Dinitro-2-methylph...	10.498	198	185371	40.592	ng	93
66) n-Nitrosodiphenylamine	10.551	169	991795	41.161	ng	97
67) 4-Bromophenyl-phenylether	10.916	248	343140	43.310	ng	95
68) Hexachlorobenzene	10.986	284	368776	42.958	ng	98
69) Atrazine	11.074	200	298595	40.799	ng	96
70) Pentachlorophenol	11.186	266	171951	36.845	ng	98
71) Phenanthrene	11.404	178	1579981	40.004	ng	100
72) Anthracene	11.457	178	1566507	40.361	ng	99
73) Carbazole	11.616	167	1409209	38.570	ng	99
74) Di-n-butylphthalate	11.927	149	1878857	43.182	ng	99
75) Fluoranthene	12.592	202	1565773	39.127	ng	99
77) Benzidine	12.716	184	563586	36.501	ng	98
78) Pyrene	12.821	202	1549967	42.409	ng	99
80) Butylbenzylphthalate	13.433	149	708413	44.687	ng	92
81) Benzo(a)anthracene	14.010	228	1214183	40.669	ng	99
82) 3,3'-Dichlorobenzidine	13.974	252	385984	39.157	ng	98
83) Chrysene	14.051	228	1107678	39.366	ng	100
84) Bis(2-ethylhexyl)phtha...	13.986	149	938710	44.978	ng	98
85) Di-n-octyl phthalate	14.598	149	1423993	47.414	ng	96
87) Indeno(1,2,3-cd)pyrene	16.992	276	1160271	44.205	ng	99
88) Benzo(b)fluoranthene	15.068	252	1036202	40.078	ng	100
89) Benzo(k)fluoranthene	15.098	252	985254	38.886	ng	99
90) Benzo(a)pyrene	15.439	252	842249	40.130	ng	100
91) Dibenzo(a,h)anthracene	17.003	278	947429	44.349	ng	99
92) Benzo(g,h,i)perylene	17.445	276	965018	44.207	ng	99

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

