

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082622\
 Data File : BF130013.D
 Acq On : 26 Aug 2022 10:59
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 08/29/2022
 Supervised By : Jagrut Upadhyay 08/29/2022

Quant Time: Aug 27 06:04:46 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 25 14:45:09 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.751	152	164992	20.000	ng	0.00
21) Naphthalene-d8	8.034	136	638365	20.000	ng	0.00
39) Acenaphthene-d10	9.786	164	329380	20.000	ng	0.00
64) Phenanthrene-d10	11.275	188	521549	20.000	ng	0.00
76) Chrysene-d12	13.921	240	305524	20.000	ng	0.00
86) Perylene-d12	15.368	264	258369	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	846871	84.984	ng	0.00
7) Phenol-d6	6.416	99	1047211	83.917	ng	0.00
23) Nitrobenzene-d5	7.328	82	1045310	87.657	ng	0.00
42) 2,4,6-Tribromophenol	10.586	330	263708	79.771	ng	0.00
45) 2-Fluorobiphenyl	9.110	172	1829608	84.365	ng	0.00
79) Terphenyl-d14	12.857	244	1652061	89.974	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.428	88	170799	41.545	ng	97
3) Pyridine	3.175	79	458000	42.570	ng	94
4) n-Nitrosodimethylamine	3.152	42	236531	47.704	ng	90
6) Aniline	6.422	93	599026	42.117	ng	# 78
8) 2-Chlorophenol	6.545	128	472789	42.618	ng	95
9) Benzaldehyde	6.310	77	301728	46.194	ng	100
10) Phenol	6.428	94	573747	41.914	ng	97
11) bis(2-Chloroethyl)ether	6.492	93	440283	42.356	ng	96
12) 1,3-Dichlorobenzene	6.687	146	503927	42.077	ng	99
13) 1,4-Dichlorobenzene	6.769	146	511764	41.821	ng	97
14) 1,2-Dichlorobenzene	6.922	146	473982	41.704	ng	99
15) Benzyl Alcohol	6.910	79	394895	41.917	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.022	45	595382	42.745	ng	82
17) 2-Methylphenol	7.028	107	381226	42.799	ng	97
18) Hexachloroethane	7.251	117	201419	43.831	ng	97
19) n-Nitroso-di-n-propyla...	7.175	70	347496	44.054	ng	99
20) 3+4-Methylphenols	7.187	107	511256	42.759	ng	99
22) Acetophenone	7.175	105	670137	43.078	ng	# 97
24) Nitrobenzene	7.345	77	520558	43.291	ng	95
25) Isophorone	7.587	82	875548	42.658	ng	99
26) 2-Nitrophenol	7.657	139	256086	43.297	ng	92
27) 2,4-Dimethylphenol	7.704	122	357301	42.123	ng	97
28) bis(2-Chloroethoxy)met...	7.787	93	501654	41.861	ng	98
29) 2,4-Dichlorophenol	7.910	162	390256	42.075	ng	99
30) 1,2,4-Trichlorobenzene	7.975	180	410516	41.954	ng	97
31) Naphthalene	8.057	128	1371936	41.103	ng	100
32) Benzoic acid	7.875	122	142124	39.695	ng	86
33) 4-Chloroaniline	8.116	127	545762	41.580	ng	97
34) Hexachlorobutadiene	8.163	225	260955	43.798	ng	100
35) Caprolactam	8.516	113	115153m	39.924	ng	
36) 4-Chloro-3-methylphenol	8.616	107	422432	42.217	ng	97
37) 2-Methylnaphthalene	8.745	142	893942	40.807	ng	100
38) 1-Methylnaphthalene	8.845	142	867114	40.728	ng	100
40) 1,2,4,5-Tetrachloroben...	8.910	216	395267	43.146	ng	99
41) Hexachlorocyclopentadiene	8.892	237	87285	42.647	ng	99
43) 2,4,6-Trichlorophenol	9.039	196	242756	40.784	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.092	196	263319	41.120	ng	97
46) 1,1'-Biphenyl	9.210	154	1048223	41.891	ng	100
47) 2-Chloronaphthalene	9.239	162	827580	41.800	ng	99
48) 2-Nitroaniline	9.351	65	271844	43.448	ng	97
49) Acenaphthylene	9.651	152	1207402	40.216	ng	100
50) Dimethylphthalate	9.516	163	949802	40.225	ng	99
51) 2,6-Dinitrotoluene	9.592	165	209914	40.982	ng	93
52) Acenaphthene	9.822	154	742890	40.784	ng	99
53) 3-Nitroaniline	9.769	138	233503	41.223	ng	100
54) 2,4-Dinitrophenol	9.886	184	83824	39.193	ng	97
55) Dibenzofuran	9.992	168	1109877	40.558	ng	93
56) 4-Nitrophenol	9.963	139	93329	37.036	ng	95
57) 2,4-Dinitrotoluene	9.998	165	268479	40.379	ng	88
58) Fluorene	10.339	166	911034	39.872	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.128	232	193799	41.238	ng	# 79
60) Diethylphthalate	10.210	149	923698	39.233	ng	97
61) 4-Chlorophenyl-phenyle...	10.328	204	411733	40.154	ng	99
62) 4-Nitroaniline	10.386	138	225440m	39.451	ng	
63) Azobenzene	10.486	77	916997	40.748	ng	98
65) 4,6-Dinitro-2-methylph...	10.416	198	136169	44.474	ng	95
66) n-Nitrosodiphenylamine	10.451	169	761242	43.244	ng	100
67) 4-Bromophenyl-phenylether	10.816	248	259397	42.464	ng	97
68) Hexachlorobenzene	10.886	284	287721	43.481	ng	97
69) Atrazine	10.980	200	221102	40.923	ng	97
70) Pentachlorophenol	11.098	266	69509m	37.955	ng	
71) Phenanthrene	11.304	178	1213348	41.655	ng	100
72) Anthracene	11.357	178	1210284	41.782	ng	100
73) Carbazole	11.516	167	1063429	40.442	ng	99
74) Di-n-butylphthalate	11.827	149	1350519	39.907	ng	99
75) Fluoranthene	12.492	202	1202193	40.333	ng	98
77) Benzidine	12.616	184	333208	45.498	ng	100
78) Pyrene	12.721	202	1187807	44.739	ng	100
80) Butylbenzylphthalate	13.327	149	477557	42.508	ng	94
81) Benzo(a)anthracene	13.916	228	882471	41.988	ng	99
82) 3,3'-Dichlorobenzidine	13.874	252	269988	41.478	ng	99
83) Chrysene	13.951	228	817813	41.569	ng	100
84) Bis(2-ethylhexyl)phtha...	13.880	149	523274	39.260	ng	98
85) Di-n-octyl phthalate	14.492	149	744761	40.478	ng	99
87) Indeno(1,2,3-cd)pyrene	16.815	276	833248	46.977	ng	98
88) Benzo(b)fluoranthene	14.951	252	689944	38.998	ng	99
89) Benzo(k)fluoranthene	14.980	252	702955	41.431	ng	98
90) Benzo(a)pyrene	15.310	252	583965	41.914	ng	100
91) Dibenzo(a,h)anthracene	16.815	278	684502	46.770	ng	99
92) Benzo(g,h,i)perylene	17.245	276	690618	47.299	ng	99

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

