

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081622\
 Data File : BF129813.D
 Acq On : 16 Aug 2022 16:22
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 08/17/2022
 Supervised By : Jagrut Upadhyay 08/17/2022

Quant Time: Aug 17 02:33:33 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 15 02:28:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	183909	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	704415	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	378536	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	642271	20.000	ng	0.00
76) Chrysene-d12	14.004	240	444952	20.000	ng	0.00
86) Perylene-d12	15.468	264	314869	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	809278	72.858	ng	0.00
7) Phenol-d6	6.481	99	1005274	72.271	ng	0.00
23) Nitrobenzene-d5	7.398	82	981073	74.556	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	284806	74.965	ng	0.00
45) 2-Fluorobiphenyl	9.181	172	1802135	72.307	ng	0.00
79) Terphenyl-d14	12.939	244	1848013	69.108	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.569	88	171558	37.437	ng	99
3) Pyridine	3.340	79	460809	38.425	ng	99
4) n-Nitrosodimethylamine	3.304	42	210726	38.128	ng	99
6) Aniline	6.492	93	580028	36.586	ng	96
8) 2-Chlorophenol	6.622	128	455088	36.803	ng	99
9) Benzaldehyde	6.381	77	291099	38.901	ng	100
10) Phenol	6.492	94	553517	36.277	ng	96
11) bis(2-Chloroethyl)ether	6.563	93	426311	36.794	ng	97
12) 1,3-Dichlorobenzene	6.763	146	488228	36.573	ng	98
13) 1,4-Dichlorobenzene	6.840	146	497203	36.452	ng	99
14) 1,2-Dichlorobenzene	6.992	146	457869	36.143	ng	99
15) Benzyl Alcohol	6.975	79	373677	35.585	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.098	45	562995	36.262	ng	95
17) 2-Methylphenol	7.092	107	364870	36.749	ng	99
18) Hexachloroethane	7.328	117	190540	37.199	ng	98
19) n-Nitroso-di-n-propyla...	7.240	70	321569	36.574	ng	98
20) 3+4-Methylphenols	7.251	107	485431	36.423	ng	98
22) Acetophenone	7.240	105	633943	36.930	ng	100
24) Nitrobenzene	7.416	77	491327	37.029	ng	99
25) Isophorone	7.651	82	835545	36.892	ng	99
26) 2-Nitrophenol	7.728	139	248088	38.012	ng	100
27) 2,4-Dimethylphenol	7.769	122	344347	36.789	ng	98
28) bis(2-Chloroethoxy)met...	7.857	93	488485	36.940	ng	99
29) 2,4-Dichlorophenol	7.975	162	382558	37.378	ng	97
30) 1,2,4-Trichlorobenzene	8.045	180	399581	37.008	ng	97
31) Naphthalene	8.128	128	1345805	36.540	ng	100
32) Benzoic acid	7.922	122	149218	38.217	ng	93
33) 4-Chloroaniline	8.187	127	527999	36.455	ng	99
34) Hexachlorobutadiene	8.239	225	241708	36.764	ng	100
35) Caprolactam	8.575	113	120407m	37.831	ng	
36) 4-Chloro-3-methylphenol	8.681	107	412358	37.346	ng	98
37) 2-Methylnaphthalene	8.822	142	886479	36.672	ng	99
38) 1-Methylnaphthalene	8.916	142	868160	36.954	ng	99
40) 1,2,4,5-Tetrachloroben...	8.986	216	384470	36.518	ng	99
41) Hexachlorocyclopentadiene	8.963	237	93707	40.828	ng	97
43) 2,4,6-Trichlorophenol	9.110	196	257186	37.597	ng	97

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44) 2,4,5-Trichlorophenol	9.157	196	274827	37.344	ng	99
46) 1,1'-Biphenyl	9.286	154	1045679	36.362	ng	99
47) 2-Chloronaphthalene	9.310	162	825721	36.290	ng	98
48) 2-Nitroaniline	9.416	65	270964	37.683	ng	98
49) Acenaphthylene	9.728	152	1248639	36.189	ng	100
50) Dimethylphthalate	9.586	163	985595	36.321	ng	99
51) 2,6-Dinitrotoluene	9.657	165	218600	37.136	ng	100
52) Acenaphthene	9.898	154	757736	36.197	ng	100
53) 3-Nitroaniline	9.833	138	245812	37.761	ng	97
54) 2,4-Dinitrophenol	9.945	184	91671	37.561	ng	98
55) Dibenzofuran	10.069	168	1133356	36.037	ng	97
56) 4-Nitrophenol	10.016	139	117189	40.465	ng	99
57) 2,4-Dinitrotoluene	10.069	165	279111	36.526	ng	99
58) Fluorene	10.416	166	940085	35.800	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.198	232	198889	36.825	ng	# 77
60) Diethylphthalate	10.281	149	968315	35.787	ng	98
61) 4-Chlorophenyl-phenyle...	10.404	204	429954	36.486	ng	97
62) 4-Nitroaniline	10.451	138	248430m	37.829	ng	
63) Azobenzene	10.563	77	944596	36.523	ng	98
65) 4,6-Dinitro-2-methylph...	10.480	198	154844	41.067	ng	98
66) n-Nitrosodiphenylamine	10.528	169	799495	36.880	ng	99
67) 4-Bromophenyl-phenylether	10.892	248	274920	36.546	ng	98
68) Hexachlorobenzene	10.963	284	303755	37.276	ng	95
69) Atrazine	11.051	200	243523	36.601	ng	97
70) Pentachlorophenol	11.169	266	81445	36.365	ng	98
71) Phenanthrene	11.380	178	1308050	36.466	ng	99
72) Anthracene	11.433	178	1304866	36.580	ng	100
73) Carbazole	11.592	167	1179832	36.436	ng	100
74) Di-n-butylphthalate	11.904	149	1491205	35.782	ng	100
75) Fluoranthene	12.574	202	1353598	36.877	ng	99
77) Benzidine	12.692	184	497539	46.803	ng	99
78) Pyrene	12.804	202	1379090	35.667	ng	100
80) Butylbenzylphthalate	13.410	149	614398	37.552	ng	98
81) Benzo(a)anthracene	13.992	228	1111996	36.330	ng	99
82) 3,3'-Dichlorobenzidine	13.957	252	348095	36.720	ng	99
83) Chrysene	14.033	228	1037220	36.201	ng	99
84) Bis(2-ethylhexyl)phtha...	13.963	149	780055	40.186	ng	99
85) Di-n-octyl phthalate	14.574	149	1074245	40.090	ng	100
87) Indeno(1,2,3-cd)pyrene	16.957	276	826544	38.237	ng	100
88) Benzo(b)fluoranthene	15.045	252	790712	36.674	ng	99
89) Benzo(k)fluoranthene	15.074	252	792364	38.321	ng	99
90) Benzo(a)pyrene	15.410	252	623608	36.728	ng	99
91) Dibenzo(a,h)anthracene	16.962	278	681600	38.215	ng	99
92) Benzo(g,h,i)perylene	17.404	276	695612	39.093	ng	98

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

