

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091222\
 Data File : BF130205.D
 Acq On : 12 Sep 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 09/13/2022
 Supervised By : Jagrut Upadhyay 09/13/2022

Quant Time: Sep 13 02:11:23 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 07 02:05:07 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.692	152	141073	20.000	ng	0.00
21) Naphthalene-d8	7.981	136	709719	20.000	ng	0.00
39) Acenaphthene-d10	9.728	164	366049	20.000	ng	0.00
64) Phenanthrene-d10	11.210	188	603612	20.000	ng	0.00
76) Chrysene-d12	13.839	240	322570	20.000	ng	0.00
86) Perylene-d12	15.233	264	316890	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.293	112	624267	75.123	ng	0.00
7) Phenol-d6	6.334	99	791036	76.355	ng	0.00
23) Nitrobenzene-d5	7.263	82	970246	87.857	ng	0.00
42) 2,4,6-Tribromophenol	10.516	330	303571	91.106	ng	0.00
45) 2-Fluorobiphenyl	9.057	172	1770358	80.185	ng	0.00
79) Terphenyl-d14	12.792	244	1592116	85.591	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.334	88	205251	52.852	ng	96
3) Pyridine	3.034	79	350862	33.692	ng	94
4) n-Nitrosodimethylamine	2.987	42	175314	42.808	ng	94
6) Aniline	6.363	93	470406	36.217	ng	# 51
8) 2-Chlorophenol	6.481	128	358743	39.332	ng	98
9) Benzaldehyde	6.245	77	229305	36.162	ng	98
10) Phenol	6.345	94	439773	37.555	ng	# 69
11) bis(2-Chloroethyl)ether	6.440	93	323675	36.379	ng	98
12) 1,3-Dichlorobenzene	6.634	146	401865	39.746	ng	99
13) 1,4-Dichlorobenzene	6.716	146	413002	40.551	ng	96
14) 1,2-Dichlorobenzene	6.869	146	444339	47.995	ng	98
15) Benzyl Alcohol	6.845	79	327446	46.892	ng	97
16) 2,2'-oxybis(1-Chloropr...	6.981	45	542426	44.858	ng	# 52
17) 2-Methylphenol	6.951	107	367157	47.846	ng	# 88
18) Hexachloroethane	7.204	117	199850	54.340	ng	97
19) n-Nitroso-di-n-propyla...	7.116	70	314221	50.345	ng	94
20) 3+4-Methylphenols	7.110	107	465392	51.717	ng	# 65
22) Acetophenone	7.110	105	612973	38.658	ng	# 93
24) Nitrobenzene	7.281	77	495537	42.192	ng	98
25) Isophorone	7.522	82	851836	38.110	ng	100
26) 2-Nitrophenol	7.598	139	238052	43.501	ng	93
27) 2,4-Dimethylphenol	7.639	122	371929	39.656	ng	97
28) bis(2-Chloroethoxy)met...	7.734	93	506153	37.697	ng	99
29) 2,4-Dichlorophenol	7.834	162	401566	40.028	ng	97
30) 1,2,4-Trichlorobenzene	7.922	180	423601	40.046	ng	97
31) Naphthalene	7.998	128	1408205	39.341	ng	99
32) Benzoic acid	7.757	122	310840	41.606	ng	98
33) 4-Chloroaniline	8.051	127	565442	39.100	ng	99
34) Hexachlorobutadiene	8.116	225	252895	41.745	ng	99
35) Caprolactam	8.428	113	123725m	39.798	ng	
36) 4-Chloro-3-methylphenol	8.534	107	409037	40.293	ng	95
37) 2-Methylnaphthalene	8.692	142	917918	39.809	ng	100
38) 1-Methylnaphthalene	8.786	142	879367	39.236	ng	99
40) 1,2,4,5-Tetrachloroben...	8.851	216	394740	41.355	ng	99
41) Hexachlorocyclopentadiene	8.839	237	202784	40.651	ng	98
43) 2,4,6-Trichlorophenol	8.969	196	277857	40.782	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.004	196	310772	42.083	ng	96
46) 1,1'-Biphenyl	9.157	154	1072907	40.345	ng	100
47) 2-Chloronaphthalene	9.175	162	850696	39.924	ng	98
48) 2-Nitroaniline	9.275	65	248933	47.409	ng	95
49) Acenaphthylene	9.592	152	1302970	40.269	ng	100
50) Dimethylphthalate	9.463	163	993220	39.837	ng	99
51) 2,6-Dinitrotoluene	9.522	165	214991	44.227	ng	# 85
52) Acenaphthene	9.763	154	830751m	40.739	ng	
53) 3-Nitroaniline	9.686	138	239665	42.955	ng	96
54) 2,4-Dinitrophenol	9.786	184	92779	45.880	ng	96
55) Dibenzofuran	9.933	168	1169008	40.035	ng	98
56) 4-Nitrophenol	9.845	139	179647	41.763	ng	90
57) 2,4-Dinitrotoluene	9.922	165	275879	49.294	ng	# 79
58) Fluorene	10.275	166	912508	41.071	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.051	232	240512	41.932	ng	# 78
60) Diethylphthalate	10.157	149	974949	40.420	ng	99
61) 4-Chlorophenyl-phenyle...	10.269	204	409632	41.707	ng	97
62) 4-Nitroaniline	10.298	138	237206	43.714	ng	99
63) Azobenzene	10.428	77	923351	38.880	ng	97
65) 4,6-Dinitro-2-methylph...	10.322	198	131901	46.617	ng	97
66) n-Nitrosodiphenylamine	10.392	169	798177	39.556	ng	99
67) 4-Bromophenyl-phenylether	10.757	248	275433	41.024	ng	98
68) Hexachlorobenzene	10.816	284	305218	41.721	ng	97
69) Atrazine	10.922	200	234680	41.110	ng	99
70) Pentachlorophenol	11.010	266	177385	43.361	ng	96
71) Phenanthrene	11.233	178	1295252	39.568	ng	100
72) Anthracene	11.286	178	1274951	39.620	ng	100
73) Carbazole	11.439	167	1140609	38.437	ng	99
74) Di-n-butylphthalate	11.780	149	1416325	39.581	ng	99
75) Fluoranthene	12.416	202	1206481	37.167	ng	98
77) Benzidine	12.545	184	373814	42.922	ng	99
78) Pyrene	12.645	202	1191693	41.188	ng	100
80) Butylbenzylphthalate	13.269	149	470933	40.922	ng	95
81) Benzo(a)anthracene	13.827	228	840482	38.021	ng	99
82) 3,3'-Dichlorobenzidine	13.798	252	279907	40.603	ng	97
83) Chrysene	13.863	228	835578	38.339	ng	99
84) Bis(2-ethylhexyl)phtha...	13.827	149	567796	39.693	ng	97
85) Di-n-octyl phthalate	14.439	149	936143	41.430	ng	97
87) Indeno(1,2,3-cd)pyrene	16.580	276	1034124	49.471	ng	99
88) Benzo(b)fluoranthene	14.839	252	829484	39.252	ng	99
89) Benzo(k)fluoranthene	14.868	252	722914	35.371	ng	99
90) Benzo(a)pyrene	15.174	252	658145	39.194	ng	98
91) Dibenzo(a,h)anthracene	16.604	278	838778	49.038	ng	97
92) Benzo(g,h,i)perylene	16.992	276	858673	50.176	ng	97

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

