

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050323\
 Data File : BF133200.D
 Acq On : 03 May 2023 11:25
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/04/2023
 Supervised By : Jagrut Upadhyay 05/04/2023

Quant Time: May 03 12:01:02 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 03 12:00:39 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.734	152	197648	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	758638	20.000	ng	0.00
39) Acenaphthene-d10	9.769	164	395162	20.000	ng	0.00
64) Phenanthrene-d10	11.251	188	727692	20.000	ng	0.00
76) Chrysene-d12	13.892	240	494981	20.000	ng	0.00
86) Perylene-d12	15.304	264	410869	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	1003875	76.725	ng	0.00
7) Phenol-d6	6.375	99	1238996	76.293	ng	0.00
23) Nitrobenzene-d5	7.299	82	1080689	76.891	ng	0.00
42) 2,4,6-Tribromophenol	10.557	330	311512	78.385	ng	0.00
45) 2-Fluorobiphenyl	9.093	172	1818135	76.974	ng	0.00
79) Terphenyl-d14	12.839	244	2045309	71.265	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.375	88	235157	38.748	ng	96
3) Pyridine	3.075	79	629592	39.060	ng	97
4) n-Nitrosodimethylamine	3.034	42	299507	35.874	ng	98
6) Aniline	6.399	93	792589	37.893	ng	99
8) 2-Chlorophenol	6.516	128	515844	38.831	ng	98
9) Benzaldehyde	6.275	77	300853	40.243	ng	97
10) Phenol	6.387	94	660826	36.885	ng	84
11) bis(2-Chloroethyl)ether	6.469	93	498847	37.105	ng	98
12) 1,3-Dichlorobenzene	6.675	146	537083	38.027	ng	97
13) 1,4-Dichlorobenzene	6.752	146	536040	37.869	ng	96
14) 1,2-Dichlorobenzene	6.904	146	504769	38.679	ng	97
15) Benzyl Alcohol	6.881	79	423375	37.741	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.016	45	812402	34.791	ng	97
17) 2-Methylphenol	6.993	107	466043	38.312	ng	99
18) Hexachloroethane	7.246	117	184800	37.551	ng	99
19) n-Nitroso-di-n-propyla...	7.152	70	338227	33.454	ng	97
20) 3+4-Methylphenols	7.152	107	535122	37.355	ng	# 79
22) Acetophenone	7.146	105	670316	38.143	ng	98
24) Nitrobenzene	7.316	77	550104	38.625	ng	97
25) Isophorone	7.557	82	997031	37.362	ng	98
26) 2-Nitrophenol	7.634	139	287908	41.912	ng	93
27) 2,4-Dimethylphenol	7.675	122	461263	39.159	ng	99
28) bis(2-Chloroethoxy)met...	7.769	93	591671	37.479	ng	98
29) 2,4-Dichlorophenol	7.875	162	423890	39.530	ng	99
30) 1,2,4-Trichlorobenzene	7.957	180	435854	39.234	ng	98
31) Naphthalene	8.040	128	1472649	38.826	ng	100
32) Benzoic acid	7.799	122	291189m	40.021	ng	
33) 4-Chloroaniline	8.087	127	642951	41.954	ng	99
34) Hexachlorobutadiene	8.157	225	235383	38.229	ng	99
35) Caprolactam	8.463	113	157360	43.683	ng	94
36) 4-Chloro-3-methylphenol	8.575	107	462533	39.999	ng	97
37) 2-Methylnaphthalene	8.728	142	1002333	38.653	ng	99
38) 1-Methylnaphthalene	8.828	142	934426	38.520	ng	99
40) 1,2,4,5-Tetrachloroben...	8.898	216	399830	37.632	ng	99
41) Hexachlorocyclopentadiene	8.881	237	220131	35.526	ng	100
43) 2,4,6-Trichlorophenol	9.010	196	279653	38.060	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.051	196	334158	39.322	ng	98
46) 1,1'-Biphenyl	9.193	154	1175416	37.512	ng	99
47) 2-Chloronaphthalene	9.216	162	877165	38.246	ng	98
48) 2-Nitroaniline	9.316	65	305360	40.286	ng	95
49) Acenaphthylene	9.634	152	1426766	38.933	ng	99
50) Dimethylphthalate	9.498	163	1075276	39.024	ng	99
51) 2,6-Dinitrotoluene	9.557	165	251506	40.555	ng	90
52) Acenaphthene	9.804	154	944848m	38.496	ng	
53) 3-Nitroaniline	9.728	138	312143	42.331	ng	93
54) 2,4-Dinitrophenol	9.828	184	133389	42.790	ng	94
55) Dibenzofuran	9.975	168	1282466	38.305	ng	98
56) 4-Nitrophenol	9.887	139	218140	38.195	ng	89
57) 2,4-Dinitrotoluene	9.957	165	335516	42.423	ng	97
58) Fluorene	10.316	166	949181	38.696	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.093	232	255340	38.758	ng	99
60) Diethylphthalate	10.193	149	1022118	39.272	ng	100
61) 4-Chlorophenyl-phenyle...	10.310	204	449841	37.633	ng	96
62) 4-Nitroaniline	10.340	138	305800	45.121	ng	98
63) Azobenzene	10.469	77	1033948	37.502	ng	98
65) 4,6-Dinitro-2-methylph...	10.369	198	192376	43.616	ng	89
66) n-Nitrosodiphenylamine	10.434	169	890364	37.720	ng	99
67) 4-Bromophenyl-phenylether	10.798	248	288445	36.548	ng	95
68) Hexachlorobenzene	10.869	284	298256	36.881	ng	98
69) Atrazine	10.957	200	269480	39.621	ng	99
70) Pentachlorophenol	11.057	266	211053	36.644	ng	100
71) Phenanthrene	11.275	178	1453589	37.165	ng	99
72) Anthracene	11.328	178	1525111	38.103	ng	100
73) Carbazole	11.487	167	1386734	38.909	ng	100
74) Di-n-butylphthalate	11.816	149	1603646	39.760	ng	100
75) Fluoranthene	12.463	202	1528167	38.932	ng	98
77) Benzidine	12.581	184	364848	43.588	ng	94
78) Pyrene	12.692	202	1560894	36.786	ng	99
80) Butylbenzylphthalate	13.316	149	678247	45.145	ng	99
81) Benzo(a)anthracene	13.881	228	1255625	36.889	ng	100
82) 3,3'-Dichlorobenzidine	13.845	252	415425	44.179	ng	99
83) Chrysene	13.916	228	1263795	37.138	ng	99
84) Bis(2-ethylhexyl)phtha...	13.875	149	779244	41.322	ng	99
85) Di-n-octyl phthalate	14.486	149	1306132	42.478	ng	98
87) Indeno(1,2,3-cd)pyrene	16.692	276	1002810	42.908	ng	99
88) Benzo(b)fluoranthene	14.904	252	1030275	39.415	ng	99
89) Benzo(k)fluoranthene	14.933	252	997872	38.511	ng	99
90) Benzo(a)pyrene	15.251	252	928385	39.021	ng	98
91) Dibenzo(a,h)anthracene	16.704	278	840829	43.136	ng	98
92) Benzo(g,h,i)perylene	17.104	276	863538	44.873	ng	98

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

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