

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041222\
 Data File : BF127753.D
 Acq On : 12 Apr 2022 12:29
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 04/13/2022
 Supervised By : Jagrut Upadhyay 04/13/2022

Quant Time: Apr 13 07:32:53 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF040622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 13 07:19:18 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	148070	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	494244	20.000	ng	# 0.00
39) Acenaphthene-d10	10.004	164	276440	20.000	ng	0.00
64) Phenanthrene-d10	11.492	188	489207	20.000	ng	0.00
76) Chrysene-d12	14.139	240	320560	20.000	ng	0.00
86) Perylene-d12	15.657	264	284539	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.581	112	660745	72.509	ng	0.00
7) Phenol-d6	6.581	99	852730	71.531	ng	0.00
23) Nitrobenzene-d5	7.528	82	828021	74.688	ng	0.00
42) 2,4,6-Tribromophenol	10.792	330	254005	86.345	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	1419798	72.657	ng	0.00
79) Terphenyl-d14	13.080	244	1476132	76.008	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.816	88	154464	35.737	ng	85
3) Pyridine	3.581	79	401959	35.309	ng	# 82
4) n-Nitrosodimethylamine	3.551	42	196112m	32.033	ng	
6) Aniline	6.628	93	511870	36.001	ng	92
8) 2-Chlorophenol	6.745	128	343989	37.213	ng	94
9) Benzaldehyde	6.516	77	217624	35.414	ng	92
10) Phenol	6.598	94	433331	36.353	ng	94
11) bis(2-Chloroethyl)ether	6.692	93	351500	35.707	ng	93
12) 1,3-Dichlorobenzene	6.898	146	391141	37.032	ng	98
13) 1,4-Dichlorobenzene	6.975	146	396641	37.149	ng	97
14) 1,2-Dichlorobenzene	7.134	146	365471	35.810	ng	99
15) Benzyl Alcohol	7.098	79	356938	34.249	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.234	45	518377	33.360	ng	96
17) 2-Methylphenol	7.204	107	287038	35.698	ng	98
18) Hexachloroethane	7.475	117	145898	35.810	ng	94
19) n-Nitroso-di-n-propyla...	7.369	70	258572	33.536	ng	95
20) 3+4-Methylphenols	7.357	107	365585	35.679	ng	# 65
22) Acetophenone	7.369	105	478891	36.058	ng	# 83
24) Nitrobenzene	7.545	77	397068	36.948	ng	98
25) Isophorone	7.781	82	681549	35.231	ng	98
26) 2-Nitrophenol	7.857	139	170159	44.058	ng	92
27) 2,4-Dimethylphenol	7.886	122	273580	36.180	ng	93
28) bis(2-Chloroethoxy)met...	7.986	93	429046	35.969	ng	99
29) 2,4-Dichlorophenol	8.092	162	306543	37.633	ng	97
30) 1,2,4-Trichlorobenzene	8.181	180	357199	38.102	ng	98
31) Naphthalene	8.269	128	958838	37.023	ng	99
32) Benzoic acid	7.998	122	200487	36.545	ng	93
33) 4-Chloroaniline	8.310	127	381224	37.376	ng	98
34) Hexachlorobutadiene	8.375	225	248076	38.469	ng	99
35) Caprolactam	8.686	113	86763	36.039	ng	# 66
36) 4-Chloro-3-methylphenol	8.786	107	310904	36.406	ng	99
37) 2-Methylnaphthalene	8.957	142	639870	36.941	ng	100
38) 1-Methylnaphthalene	9.057	142	609494	36.455	ng	100
40) 1,2,4,5-Tetrachloroben...	9.122	216	357781	39.460	ng	99
41) Hexachlorocyclopentadiene	9.104	237	212182	38.849	ng	95
43) 2,4,6-Trichlorophenol	9.228	196	231508	37.609	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.269	196	245503	39.524	ng	95
46) 1,1'-Biphenyl	9.422	154	791191	37.423	ng	99
47) 2-Chloronaphthalene	9.445	162	627538	37.351	ng	98
48) 2-Nitroaniline	9.539	65	205645	39.410	ng	92
49) Acenaphthylene	9.863	152	952501	37.273	ng	100
50) Dimethylphthalate	9.722	163	735940	36.728	ng	100
51) 2,6-Dinitrotoluene	9.780	165	151346	40.070	ng	96
52) Acenaphthene	10.039	154	603938	37.511	ng	97
53) 3-Nitroaniline	9.957	138	159727	40.030	ng	92
54) 2,4-Dinitrophenol	10.057	184	77240	43.830	ng #	87
55) Dibenzofuran	10.210	168	883689	37.613	ng	99
56) 4-Nitrophenol	10.104	139	123650	39.453	ng #	83
57) 2,4-Dinitrotoluene	10.186	165	198969	42.490	ng #	81
58) Fluorene	10.551	166	655318	37.750	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.322	232	210412	38.875	ng	100
60) Diethylphthalate	10.416	149	695136	36.253	ng	99
61) 4-Chlorophenyl-phenyle...	10.539	204	366299	38.404	ng	98
62) 4-Nitroaniline	10.569	138	157633	41.946	ng	94
63) Azobenzene	10.704	77	741695	34.616	ng	96
65) 4,6-Dinitro-2-methylph...	10.592	198	111013	46.982	ng	90
66) n-Nitrosodiphenylamine	10.663	169	576554	37.421	ng	100
67) 4-Bromophenyl-phenylether	11.033	248	235354	39.641	ng	93
68) Hexachlorobenzene	11.098	284	256089	39.458	ng	97
69) Atrazine	11.186	200	188610	36.845	ng	99
70) Pentachlorophenol	11.286	266	152580	39.362	ng	99
71) Phenanthrene	11.522	178	955246	36.854	ng	99
72) Anthracene	11.569	178	949693	37.041	ng	98
73) Carbazole	11.722	167	884984	36.837	ng	99
74) Di-n-butylphthalate	12.051	149	1022910	35.617	ng	99
75) Fluoranthene	12.710	202	1030143	36.421	ng	100
77) Benzidine	12.827	184	292989	35.018	ng	99
78) Pyrene	12.939	202	1026493	37.921	ng	99
80) Butylbenzylphthalate	13.551	149	365567	36.271	ng	93
81) Benzo(a)anthracene	14.127	228	803431	37.526	ng	99
82) 3,3'-Dichlorobenzidine	14.092	252	257087	38.517	ng #	98
83) Chrysene	14.168	228	758213	36.893	ng	99
84) Bis(2-ethylhexyl)phtha...	14.110	149	468222	32.958	ng #	98
85) Di-n-octyl phthalate	14.727	149	700748	33.735	ng #	92
87) Indeno(1,2,3-cd)pyrene	17.215	276	802721	45.153	ng	98
88) Benzo(b)fluoranthene	15.204	252	677172	36.995	ng	99
89) Benzo(k)fluoranthene	15.239	252	641194	35.319	ng	99
90) Benzo(a)pyrene	15.592	252	564385	37.935	ng	98
91) Dibenzo(a,h)anthracene	17.239	278	652908	45.328	ng	97
92) Benzo(g,h,i)perylene	17.692	276	680765	46.101	ng	99

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

