

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052922\
 Data File : BF128574.D
 Acq On : 29 May 2022 16:33
 Operator : CG\JU
 Sample : N2951-19MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P036-SS001-0612-01MS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/31/2022
 Supervised By : Jagrut Upadhyay 05/31/2022

Quant Time: May 30 00:51:34 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 27 01:51:59 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	139077	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	509057	20.000	ng	0.00
39) Acenaphthene-d10	9.880	164	252165	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	406375	20.000	ng	0.00
76) Chrysene-d12	14.010	240	309105	20.000	ng	# 0.00
86) Perylene-d12	15.474	264	293817	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	879016	104.691	ng	0.01
7) Phenol-d6	6.475	99	1100013	102.752	ng	0.00
23) Nitrobenzene-d5	7.404	82	758815	85.992	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	264296	110.115	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	1214455	78.245	ng	0.00
79) Terphenyl-d14	12.951	244	1060552	66.286	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.675	88	140693	37.579	ng	97
3) Pyridine	3.410	79	361876	37.334	ng	95
4) n-Nitrosodimethylamine	3.369	42	247644	48.755	ng	# 88
6) Aniline	6.510	93	445588	35.669	ng	97
8) 2-Chlorophenol	6.622	128	405815	46.612	ng	97
9) Benzaldehyde	6.392	77	267282	68.627	ng	98
10) Phenol	6.487	94	474308m	44.711	ng	
11) bis(2-Chloroethyl)ether	6.581	93	391597	45.093	ng	95
12) 1,3-Dichlorobenzene	6.781	146	453594	45.856	ng	98
13) 1,4-Dichlorobenzene	6.857	146	451896	45.167	ng	99
14) 1,2-Dichlorobenzene	7.010	146	437426	47.503	ng	98
15) Benzyl Alcohol	6.981	79	377368	46.217	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.116	45	660016	42.944	ng	98
17) 2-Methylphenol	7.092	107	319042	43.056	ng	96
18) Hexachloroethane	7.351	117	168657	47.789	ng	94
19) n-Nitroso-di-n-propyla...	7.257	70	292923	44.626	ng	97
20) 3+4-Methylphenols	7.245	107	384058	42.902	ng	# 86
22) Acetophenone	7.251	105	549852	46.844	ng	# 92
24) Nitrobenzene	7.422	77	445606	51.079	ng	97
25) Isophorone	7.663	82	796914	48.955	ng	97
26) 2-Nitrophenol	7.739	139	205931	56.479	ng	96
27) 2,4-Dimethylphenol	7.775	122	369856m	51.033	ng	
28) bis(2-Chloroethoxy)met...	7.875	93	468026	44.301	ng	99
29) 2,4-Dichlorophenol	7.981	162	329826	43.975	ng	97
30) 1,2,4-Trichlorobenzene	8.063	180	372384	45.836	ng	99
31) Naphthalene	8.145	128	1132715	45.463	ng	99
32) Benzoic acid	7.898	122	240439	46.932	ng	98
33) 4-Chloroaniline	8.192	127	213606	21.532	ng	97
34) Hexachlorobutadiene	8.263	225	249982	48.734	ng	99
35) Caprolactam	8.569	113	96693m	41.808	ng	
36) 4-Chloro-3-methylphenol	8.675	107	342627	44.468	ng	99
37) 2-Methylnaphthalene	8.834	142	699090	44.453	ng	99
38) 1-Methylnaphthalene	8.934	142	663316	43.367	ng	100
40) 1,2,4,5-Tetrachloroben...	8.998	216	344753	49.787	ng	99
41) Hexachlorocyclopentadiene	8.986	237	337098	86.603	ng	97
43) 2,4,6-Trichlorophenol	9.110	196	235035	46.028	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.151	196	240434	45.697	ng	# 94
46) 1,1'-Biphenyl	9.304	154	861176	48.636	ng	98
47) 2-Chloronaphthalene	9.328	162	658118	47.348	ng	99
48) 2-Nitroaniline	9.422	65	220347	57.009	ng	99
49) Acenaphthylene	9.739	152	1032002	48.331	ng	100
50) Dimethylphthalate	9.604	163	788714	48.219	ng	100
51) 2,6-Dinitrotoluene	9.663	165	169931	56.686	ng	87
52) Acenaphthene	9.916	154	661897	50.241	ng	99
53) 3-Nitroaniline	9.833	138	120267	34.739	ng	92
54) 2,4-Dinitrophenol	9.933	184	126435	82.884	ng	95
55) Dibenzofuran	10.086	168	874609	44.744	ng	95
56) 4-Nitrophenol	9.992	139	241358	85.914	ng	# 78
57) 2,4-Dinitrotoluene	10.069	165	209822	58.504	ng	94
58) Fluorene	10.428	166	642177	45.635	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.204	232	183793	43.105	ng	97
60) Diethylphthalate	10.304	149	751752	47.312	ng	99
61) 4-Chlorophenyl-phenyle...	10.422	204	334242	46.815	ng	95
62) 4-Nitroaniline	10.445	138	137629	41.521	ng	91
63) Azobenzene	10.580	77	705484	43.612	ng	98
65) 4,6-Dinitro-2-methylph...	10.469	198	81482	43.917	ng	93
66) n-Nitrosodiphenylamine	10.539	169	600412	49.350	ng	99
67) 4-Bromophenyl-phenylether	10.910	248	207467	49.413	ng	94
68) Hexachlorobenzene	10.975	284	229313	49.458	ng	95
69) Atrazine	11.069	200	192241	50.912	ng	97
70) Pentachlorophenol	11.169	266	258533	91.502	ng	98
71) Phenanthrene	11.392	178	882356	45.835	ng	99
72) Anthracene	11.445	178	915554	47.613	ng	97
73) Carbazole	11.598	167	799790	43.400	ng	99
74) Di-n-butylphthalate	11.933	149	1069323	49.301	ng	99
75) Fluoranthene	12.580	202	941843	45.763	ng	96
77) Benzidine	12.704	184	327676	45.959	ng	99
78) Pyrene	12.810	202	932714	40.054	ng	99
80) Butylbenzylphthalate	13.433	149	435462	44.335	ng	93
81) Benzo(a)anthracene	13.998	228	839940	45.718	ng	100
82) 3,3'-Dichlorobenzidine	13.963	252	281856	59.912	ng	99
83) Chrysene	14.033	228	832248	44.232	ng	100
84) Bis(2-ethylhexyl)phtha...	13.992	149	647044	54.466	ng	99
85) Di-n-octyl phthalate	14.610	149	1018122	48.687	ng	100
87) Indeno(1,2,3-cd)pyrene	16.927	276	702417	40.533	ng	95
88) Benzo(b)fluoranthene	15.045	252	895378	48.988	ng	98
89) Benzo(k)fluoranthene	15.080	252	761928	44.993	ng	# 96
90) Benzo(a)pyrene	15.410	252	774816	52.837	ng	98
91) Dibenzo(a,h)anthracene	16.951	278	627966	43.704	ng	98
92) Benzo(g,h,i)perylene	17.374	276	588379	41.284	ng	94

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

