

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062622\
 Data File : BF129010.D
 Acq On : 26 Jun 2022 17:58
 Operator : CG\JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF062622

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 06/29/2022
 Supervised By : Jagrut Upadhyay 06/29/2022

Quant Time: Jun 29 16:20:14 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 29 16:19:25 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.704	152	90637	20.000	ng	0.00
21) Naphthalene-d8	7.992	136	342763	20.000	ng	# 0.00
39) Acenaphthene-d10	9.745	164	191417	20.000	ng	0.00
64) Phenanthrene-d10	11.233	188	364737	20.000	ng	# 0.00
76) Chrysene-d12	13.880	240	276856	20.000	ng	# 0.00
86) Perylene-d12	15.304	264	216451	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.334	112	587359	100.604	ng	0.00
7) Phenol-d6	6.369	99	530797	77.776	ng	0.00
23) Nitrobenzene-d5	7.281	82	539896	75.830	ng	0.00
42) 2,4,6-Tribromophenol	10.539	330	156891	78.946	ng	0.00
45) 2-Fluorobiphenyl	9.069	172	989249	74.882	ng	0.00
79) Terphenyl-d14	12.822	244	1107148	74.131	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.375	88	81294	51.298	ng	96
3) Pyridine	3.075	79	312728	51.120	ng	93
4) n-Nitrosodimethylamine	3.052	42	187794	51.357	ng	# 84
6) Aniline	6.369	93	290517	39.373	ng	# 62
8) 2-Chlorophenol	6.498	128	221783	38.701	ng	97
9) Benzaldehyde	6.257	77	132909	35.730	ng	96
10) Phenol	6.381	94	278815	38.682	ng	# 74
11) bis(2-Chloroethyl)ether	6.451	93	200280	37.407	ng	99
12) 1,3-Dichlorobenzene	6.646	146	248536	37.777	ng	98
13) 1,4-Dichlorobenzene	6.722	146	253134	38.202	ng	99
14) 1,2-Dichlorobenzene	6.875	146	238247	39.094	ng	98
15) Benzyl Alcohol	6.863	79	216225	40.393	ng	93
16) 2,2'-oxybis(1-Chloropr...	6.987	45	324336	36.657	ng	# 17
17) 2-Methylphenol	6.981	107	177951	38.437	ng	# 83
18) Hexachloroethane	7.210	117	92723	38.594	ng	93
19) n-Nitroso-di-n-propyla...	7.128	70	161528	38.348	ng	95
20) 3+4-Methylphenols	7.140	107	238831	38.857	ng	# 83
22) Acetophenone	7.122	105	327019	36.150	ng	97
24) Nitrobenzene	7.298	77	248465	37.707	ng	98
25) Isophorone	7.540	82	399775	37.049	ng	98
26) 2-Nitrophenol	7.610	139	116258	37.584	ng	# 84
27) 2,4-Dimethylphenol	7.657	122	170343	37.342	ng	95
28) bis(2-Chloroethoxy)met...	7.745	93	259765	37.270	ng	97
29) 2,4-Dichlorophenol	7.863	162	193879	37.828	ng	97
30) 1,2,4-Trichlorobenzene	7.934	180	207887	36.719	ng	98
31) Naphthalene	8.010	128	644314	37.427	ng	99
32) Benzoic acid	7.822	122	69508	35.606	ng	93
33) 4-Chloroaniline	8.069	127	249273	37.577	ng	96
34) Hexachlorobutadiene	8.128	225	143359	39.364	ng	98
35) Caprolactam	8.457	113	56743m	40.961	ng	
36) 4-Chloro-3-methylphenol	8.569	107	209560	41.530	ng	94
37) 2-Methylnaphthalene	8.704	142	406755	42.343	ng	98
38) 1-Methylnaphthalene	8.804	142	394136	42.700	ng	99
40) 1,2,4,5-Tetrachloroben...	8.869	216	219108	35.816	ng	99
41) Hexachlorocyclopentadiene	8.851	237	25075	40.038	ng	98
43) 2,4,6-Trichlorophenol	8.992	196	131279	37.430	ng	97

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44) 2,4,5-Trichlorophenol	9.045	196	139461	38.190	ng	95
46) 1,1'-Biphenyl	9.169	154	522474	37.580	ng	98
47) 2-Chloronaphthalene	9.192	162	404720	37.406	ng	99
48) 2-Nitroaniline	9.298	65	148976	38.698	ng	91
49) Acenaphthylene	9.610	152	611311	37.617	ng	100
50) Dimethylphthalate	9.475	163	484017	38.060	ng	99
51) 2,6-Dinitrotoluene	9.545	165	102327	38.415	ng	95
52) Acenaphthene	9.781	154	364769	37.150	ng	99
53) 3-Nitroaniline	9.716	138	113793	38.803	ng	98
54) 2,4-Dinitrophenol	9.834	184	42207	36.876	ng	93
55) Dibenzofuran	9.951	168	567189	37.292	ng	95
56) 4-Nitrophenol	9.910	139	42077	40.001	ng	81
57) 2,4-Dinitrotoluene	9.951	165	135915	38.811	ng	# 76
58) Fluorene	10.292	166	451944	37.749	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.081	232	109563	41.175	ng	97
60) Diethylphthalate	10.175	149	474882	38.364	ng	98
61) 4-Chlorophenyl-phenyle...	10.286	204	229840	37.644	ng	96
62) 4-Nitroaniline	10.334	138	105748	38.199	ng	87
63) Azobenzene	10.445	77	478374	37.738	ng	97
65) 4,6-Dinitro-2-methylph...	10.363	198	82911	39.667	ng	97
66) n-Nitrosodiphenylamine	10.410	169	414362	36.960	ng	100
67) 4-Bromophenyl-phenylether	10.775	248	147185	36.773	ng	97
68) Hexachlorobenzene	10.845	284	164583	37.327	ng	# 88
69) Atrazine	10.939	200	129553	38.531	ng	98
70) Pentachlorophenol	11.051	266	29038	33.561	ng	96
71) Phenanthrene	11.257	178	668023	36.957	ng	98
72) Anthracene	11.310	178	668464	37.072	ng	99
73) Carbazole	11.469	167	634750	37.146	ng	100
74) Di-n-butylphthalate	11.798	149	719341	37.077	ng	99
75) Fluoranthene	12.445	202	724464	38.999	ng	97
77) Benzidine	12.569	184	144187	26.718	ng	99
78) Pyrene	12.675	202	733148	37.025	ng	99
80) Butylbenzylphthalate	13.292	149	299201	37.693	ng	99
81) Benzo(a)anthracene	13.869	228	642234	37.373	ng	100
82) 3,3'-Dichlorobenzidine	13.827	252	137208	35.229	ng	97
83) Chrysene	13.904	228	609502	37.082	ng	100
84) Bis(2-ethylhexyl)phtha...	13.851	149	384071	37.277	ng	99
85) Di-n-octyl phthalate	14.469	149	596647	37.612	ng	100
87) Indeno(1,2,3-cd)pyrene	16.715	276	462016	36.328	ng	# 92
88) Benzo(b)fluoranthene	14.898	252	520781	39.591	ng	99
89) Benzo(k)fluoranthene	14.927	252	450921m	34.798	ng	
90) Benzo(a)pyrene	15.251	252	393028	36.826	ng	# 97
91) Dibenzo(a,h)anthracene	16.721	278	379131	36.176	ng	# 96
92) Benzo(g,h,i)perylene	17.133	276	383841	36.889	ng	# 92

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

