

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062922\
 Data File : BF129033.D
 Acq On : 29 Jun 2022 14:02
 Operator : CG\JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 06/30/2022
 Supervised By : Jagrut Upadhyay 07/01/2022

Quant Time: Jun 29 15:20:37 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 29 15:17:55 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	428447	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	1600151	20.000	ng	0.00
39) Acenaphthene-d10	10.004	164	828706	20.000	ng	0.00
64) Phenanthrene-d10	11.498	188	1492790	20.000	ng	0.00
76) Chrysene-d12	14.145	240	1164127	20.000	ng	0.00
86) Perylene-d12	15.668	264	972711	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.581	112	1171890	42.463	ng	0.00
7) Phenol-d6	6.581	99	1442614	44.717	ng	0.00
23) Nitrobenzene-d5	7.522	82	1199943	36.102	ng	0.00
42) 2,4,6-Tribromophenol	10.792	330	397293	46.177	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	2423656	42.376	ng	0.00
79) Terphenyl-d14	13.080	244	2564518	40.837	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.834	88	250761	33.474	ng	88
3) Pyridine	3.663	79	611204	21.136	ng	88
4) n-Nitrosodimethylamine	3.557	42	276673m	16.006	ng	
6) Aniline	6.628	93	790061	22.651	ng	96
8) 2-Chlorophenol	6.745	128	607266	22.417	ng	94
9) Benzaldehyde	6.516	77	372776	21.200	ng	97
10) Phenol	6.592	94	715458	20.999	ng	91
11) bis(2-Chloroethyl)ether	6.692	93	564526	22.306	ng	92
12) 1,3-Dichlorobenzene	6.898	146	667409	21.460	ng	98
13) 1,4-Dichlorobenzene	6.975	146	679008	21.678	ng	99
14) 1,2-Dichlorobenzene	7.128	146	648436	22.509	ng	98
15) Benzyl Alcohol	7.098	79	499842	19.753	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.228	45	804899	19.245	ng	94
17) 2-Methylphenol	7.204	107	482370	16.602	ng	96
18) Hexachloroethane	7.475	117	232449	20.468	ng	93
19) n-Nitroso-di-n-propyla...	7.369	70	405217	20.351	ng	91
20) 3+4-Methylphenols	7.357	107	638982	21.992	ng	# 86
22) Acetophenone	7.369	105	822132	19.468	ng	# 94
24) Nitrobenzene	7.539	77	575062	18.694	ng	94
25) Isophorone	7.786	82	968355	19.223	ng	96
26) 2-Nitrophenol	7.857	139	255855	17.718	ng	88
27) 2,4-Dimethylphenol	7.886	122	470831	22.109	ng	96
28) bis(2-Chloroethoxy)met...	7.986	93	681905	20.957	ng	99
29) 2,4-Dichlorophenol	8.092	162	482198	20.153	ng	97
30) 1,2,4-Trichlorobenzene	8.181	180	542657	20.531	ng	95
31) Naphthalene	8.263	128	1684983	20.966	ng	100
32) Benzoic acid	7.981	122	339407	37.576	ng	96
33) 4-Chloroaniline	8.310	127	650087	20.992	ng	97
34) Hexachlorobutadiene	8.381	225	323285	19.015	ng	99
35) Caprolactam	8.692	113	144917m	22.408	ng	
36) 4-Chloro-3-methylphenol	8.781	107	489265	20.770	ng	93
37) 2-Methylnaphthalene	8.957	142	1109530	24.741	ng	99
38) 1-Methylnaphthalene	9.057	142	1078216	25.022	ng	98
40) 1,2,4,5-Tetrachloroben...	9.122	216	519962	19.632	ng	99
41) Hexachlorocyclopentadiene	9.110	237	266049	93.979	ng	97
43) 2,4,6-Trichlorophenol	9.228	196	346810	22.840	ng	98

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44) 2,4,5-Trichlorophenol	9.269	196	373350	23.615	ng	99
46) 1,1'-Biphenyl	9.422	154	1385707	23.022	ng	99
47) 2-Chloronaphthalene	9.445	162	1039993	22.202	ng	97
48) 2-Nitroaniline	9.539	65	265073	15.904	ng	89
49) Acenaphthylene	9.863	152	1620347	23.031	ng	99
50) Dimethylphthalate	9.716	163	1151464	20.914	ng	99
51) 2,6-Dinitrotoluene	9.780	165	231487	20.073	ng	98
52) Acenaphthene	10.039	154	1029325	24.214	ng	99
53) 3-Nitroaniline	9.951	138	271369	21.374	ng	90
54) 2,4-Dinitrophenol	10.051	184	84646	18.476	ng	# 86
55) Dibenzofuran	10.210	168	1519093	23.070	ng	99
56) 4-Nitrophenol	10.098	139	224427	49.281	ng	96
57) 2,4-Dinitrotoluene	10.180	165	284541	18.768	ng	97
58) Fluorene	10.551	166	1200526	23.162	ng	96
59) 2,3,4,6-Tetrachlorophenol	10.322	232	311879	27.073	ng	100
60) Diethylphthalate	10.422	149	1165658	21.752	ng	99
61) 4-Chlorophenyl-phenyle...	10.545	204	577095	21.832	ng	97
62) 4-Nitroaniline	10.569	138	279970	23.360	ng	86
63) Azobenzene	10.704	77	1149312	20.942	ng	95
65) 4,6-Dinitro-2-methylph...	10.592	198	119850	14.010	ng	83
66) n-Nitrosodiphenylamine	10.663	169	1024890	22.336	ng	95
67) 4-Bromophenyl-phenylether	11.033	248	348521	21.275	ng	98
68) Hexachlorobenzene	11.098	284	392471	21.749	ng	97
69) Atrazine	11.186	200	286495	20.819	ng	99
70) Pentachlorophenol	11.292	266	231274	69.676	ng	98
71) Phenanthrene	11.522	178	1670177	22.576	ng	100
72) Anthracene	11.569	178	1641968	22.249	ng	100
73) Carbazole	11.727	167	1645453	23.528	ng	98
74) Di-n-butylphthalate	12.051	149	1721723	21.683	ng	98
75) Fluoranthene	12.710	202	1745417	22.957	ng	97
77) Benzidine	12.833	184	435400	18.956	ng	99
78) Pyrene	12.945	202	1788534	21.481	ng	99
80) Butylbenzylphthalate	13.557	149	700651	20.992	ng	94
81) Benzo(a)anthracene	14.133	228	1585108	21.937	ng	99
82) 3,3'-Dichlorobenzidine	14.098	252	351469	21.462	ng	97
83) Chrysene	14.174	228	1491013	21.574	ng	99
84) Bis(2-ethylhexyl)phtha...	14.115	149	940716	21.714	ng	98
85) Di-n-octyl phthalate	14.733	149	1407550	21.102	ng	96
87) Indeno(1,2,3-cd)pyrene	17.227	276	1194874	20.906	ng	100
88) Benzo(b)fluoranthene	15.215	252	1264166	21.386	ng	100
89) Benzo(k)fluoranthene	15.245	252	1311950	22.529	ng	99
90) Benzo(a)pyrene	15.604	252	1038311	21.649	ng	98
91) Dibenzo(a,h)anthracene	17.245	278	986517	20.947	ng	98
92) Benzo(g,h,i)perylene	17.698	276	958473	20.498	ng	99

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

