

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072922\
 Data File : BF129452.D
 Acq On : 29 Jul 2022 20:48
 Operator : CG\JU
 Sample : N3858-05MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-AMSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 08/01/2022
 Supervised By : Jagrut Upadhyay 08/01/2022

Quant Time: Jul 30 01:11:11 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 25 17:24:17 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	178348	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	721717	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	379038	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	609774	20.000	ng	0.00
76) Chrysene-d12	14.068	240	316461	20.000	ng	0.00
86) Perylene-d12	15.557	264	360435	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	1257325	114.842	ng	0.04
7) Phenol-d6	6.534	99	1453625	105.631	ng	0.02
23) Nitrobenzene-d5	7.451	82	1116760	84.469	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	457620	125.576	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1885543	76.954	ng	0.00
79) Terphenyl-d14	13.004	244	1747058	104.151	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.857	88	184303	37.310	ng	# 76
3) Pyridine	3.610	79	360249	26.261	ng	90
4) n-Nitrosodimethylamine	3.522	42	257443	42.738	ng	# 94
6) Aniline	6.551	93	232006	13.561	ng	# 1
8) 2-Chlorophenol	6.681	128	547194	45.747	ng	97
9) Benzaldehyde	6.440	77	186001	19.903	ng	95
10) Phenol	6.551	94	552111m	37.675	ng	
11) bis(2-Chloroethyl)ether	6.622	93	545104	46.903	ng	92
12) 1,3-Dichlorobenzene	6.828	146	560722	43.709	ng	99
13) 1,4-Dichlorobenzene	6.904	146	570661	43.740	ng	99
14) 1,2-Dichlorobenzene	7.057	146	544179	45.378	ng	100
15) Benzyl Alcohol	7.034	79	471092	47.201	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.157	45	739059	42.305	ng	# 28
17) 2-Methylphenol	7.151	107	419773	42.303	ng	# 91
18) Hexachloroethane	7.398	117	217045	44.181	ng	94
19) n-Nitroso-di-n-propyla...	7.298	70	381974	45.850	ng	95
20) 3+4-Methylphenols	7.304	107	529784	41.991	ng	98
22) Acetophenone	7.298	105	759165	45.180	ng	99
24) Nitrobenzene	7.475	77	587234	43.133	ng	93
25) Isophorone	7.710	82	1059064	44.689	ng	99
26) 2-Nitrophenol	7.787	139	296181	44.098	ng	95
27) 2,4-Dimethylphenol	7.828	122	502951m	49.922	ng	
28) bis(2-Chloroethoxy)met...	7.916	93	665023	48.373	ng	99
29) 2,4-Dichlorophenol	8.034	162	454918	43.748	ng	100
30) 1,2,4-Trichlorobenzene	8.110	180	458156	42.567	ng	98
31) Naphthalene	8.192	128	1553602	42.370	ng	100
32) Benzoic acid	7.951	122	167328	22.974	ng	96
33) 4-Chloroaniline	8.239	127	114076	7.578	ng	95
34) Hexachlorobutadiene	8.304	225	274232	44.822	ng	98
35) Caprolactam	8.628	113	118334m	35.003	ng	
36) 4-Chloro-3-methylphenol	8.739	107	487630	44.214	ng	96
37) 2-Methylnaphthalene	8.881	142	1045911	43.893	ng	99
38) 1-Methylnaphthalene	8.981	142	996367	43.315	ng	97
40) 1,2,4,5-Tetrachloroben...	9.051	216	453485	45.564	ng	98
41) Hexachlorocyclopentadiene	9.034	237	396271	89.414	ng	99
43) 2,4,6-Trichlorophenol	9.169	196	309532	42.820	ng	95

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44) 2,4,5-Trichlorophenol	9.216	196	327362	41.643	ng	# 93
46) 1,1'-Biphenyl	9.345	154	1263187	45.665	ng	99
47) 2-Chloronaphthalene	9.375	162	980277	43.836	ng	100
48) 2-Nitroaniline	9.475	65	315886	42.481	ng	94
49) Acenaphthylene	9.792	152	1500505	44.160	ng	99
50) Dimethylphthalate	9.651	163	1167760	44.629	ng	100
51) 2,6-Dinitrotoluene	9.716	165	261596	44.668	ng	98
52) Acenaphthene	9.963	154	1009828m	45.502	ng	
53) 3-Nitroaniline	9.886	138	93664	13.544	ng	# 91
54) 2,4-Dinitrophenol	9.998	184	175771	58.791	ng	90
55) Dibenzofuran	10.139	168	1343591	43.917	ng	99
56) 4-Nitrophenol	10.069	139	285425	55.944	ng	95
57) 2,4-Dinitrotoluene	10.122	165	344571	45.038	ng	98
58) Fluorene	10.480	166	1082538	44.223	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.257	232	241326m	39.724	ng	
60) Diethylphthalate	10.351	149	1132928	44.789	ng	100
61) 4-Chlorophenyl-phenyle...	10.469	204	488346	45.252	ng	92
62) 4-Nitroaniline	10.510	138	234386	34.165	ng	93
63) Azobenzene	10.628	77	1096908	42.517	ng	95
65) 4,6-Dinitro-2-methylph...	10.533	198	131414	34.145	ng	93
66) n-Nitrosodiphenylamine	10.592	169	913257	44.973	ng	96
67) 4-Bromophenyl-phenylether	10.963	248	307833	46.102	ng	97
68) Hexachlorobenzene	11.027	284	339349	46.904	ng	99
69) Atrazine	11.122	200	251220	40.729	ng	97
70) Pentachlorophenol	11.227	266	273480	69.532	ng	98
71) Phenanthrene	11.445	178	1445870	43.438	ng	99
72) Anthracene	11.498	178	1467358	44.859	ng	99
73) Carbazole	11.657	167	1220277	39.630	ng	99
74) Di-n-butylphthalate	11.974	149	1667244	45.467	ng	100
75) Fluoranthene	12.639	202	1304546	38.680	ng	99
77) Benzidine	12.757	184	94209	8.427	ng	97
78) Pyrene	12.869	202	1275794	48.210	ng	99
80) Butylbenzylphthalate	13.474	149	567432	49.435	ng	97
81) Benzo(a)anthracene	14.057	228	948797	43.891	ng	99
82) 3,3'-Dichlorobenzidine	14.016	252	153331	21.483	ng	100
83) Chrysene	14.092	228	893603	43.861	ng	100
84) Bis(2-ethylhexyl)phtha...	14.027	149	742455	49.131	ng	99
85) Di-n-octyl phthalate	14.645	149	1086164	49.948	ng	97
87) Indeno(1,2,3-cd)pyrene	17.080	276	1119985	46.143	ng	99
88) Benzo(b)fluoranthene	15.121	252	1020806	42.696	ng	99
89) Benzo(k)fluoranthene	15.151	252	975318	41.627	ng	99
90) Benzo(a)pyrene	15.498	252	914061	47.096	ng	98
91) Dibenzo(a,h)anthracene	17.098	278	962978	48.746	ng	99
92) Benzo(g,h,i)perylene	17.545	276	927494	45.946	ng	100

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

