

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072222\
 Data File : BF129318.D
 Acq On : 22 Jul 2022 16:31
 Operator : CG\JU
 Sample : N3789-01MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 IDW-VB1-071922MS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 07/25/2022
 Supervised By : Jagrut Upadhyay 07/25/2022

Quant Time: Jul 22 18:13:05 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 20 13:42:18 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	121618	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	494413	20.000	ng	# 0.00
39) Acenaphthene-d10	9.939	164	255414	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	406482	20.000	ng	0.00
76) Chrysene-d12	14.074	240	245094	20.000	ng	0.00
86) Perylene-d12	15.562	264	250435	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	1005229	134.813	ng	0.02
7) Phenol-d6	6.528	99	1185700	124.742	ng	0.00
23) Nitrobenzene-d5	7.463	82	899847	97.917	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	387708	157.335	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	1607190	96.801	ng	0.00
79) Terphenyl-d14	13.016	244	1464900	111.316	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.899	88	142686	43.156	ng	# 76
3) Pyridine	3.622	79	338717	37.105	ng	93
4) n-Nitrosodimethylamine	3.557	42	223125	54.439	ng	# 91
6) Aniline	6.563	93	406238m	34.733	ng	
8) 2-Chlorophenol	6.681	128	425966	52.111	ng	98
9) Benzaldehyde	6.451	77	125047	19.178	ng	99
10) Phenol	6.540	94	434497m	43.496	ng	
11) bis(2-Chloroethyl)ether	6.634	93	409533	51.790	ng	93
12) 1,3-Dichlorobenzene	6.840	146	450570	51.143	ng	98
13) 1,4-Dichlorobenzene	6.916	146	462169	51.845	ng	99
14) 1,2-Dichlorobenzene	7.063	146	437532	53.119	ng	96
15) Benzyl Alcohol	7.039	79	374793	54.348	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.169	45	581207	48.213	ng	89
17) 2-Methylphenol	7.145	107	340233	51.073	ng	96
18) Hexachloroethane	7.404	117	180701	54.028	ng	89
19) n-Nitroso-di-n-propyla...	7.310	70	306295	54.082	ng	97
20) 3+4-Methylphenols	7.298	107	411580	47.371	ng	89
22) Acetophenone	7.310	105	608591	52.425	ng	# 98
24) Nitrobenzene	7.481	77	471718	49.836	ng	99
25) Isophorone	7.716	82	838263	51.955	ng	99
26) 2-Nitrophenol	7.792	139	226517	49.597	ng	94
27) 2,4-Dimethylphenol	7.828	122	378419	55.077	ng	94
28) bis(2-Chloroethoxy)met...	7.922	93	499568	53.448	ng	98
29) 2,4-Dichlorophenol	8.034	162	350129	48.993	ng	98
30) 1,2,4-Trichlorobenzene	8.116	180	367203	49.440	ng	96
31) Naphthalene	8.198	128	1232907	48.621	ng	100
32) Benzoic acid	7.916	122	66183	13.179	ng	97
33) 4-Chloroaniline	8.245	127	201373	19.470	ng	100
34) Hexachlorobutadiene	8.310	225	230489	54.294	ng	99
35) Caprolactam	8.622	113	87465m	38.374	ng	
36) 4-Chloro-3-methylphenol	8.728	107	386011	50.842	ng	98
37) 2-Methylnaphthalene	8.892	142	804883	48.984	ng	99
38) 1-Methylnaphthalene	8.992	142	760947	47.866	ng	99
40) 1,2,4,5-Tetrachloroben...	9.057	216	359395	53.598	ng	# 96
41) Hexachlorocyclopentadiene	9.045	237	438828	148.477	ng	98
43) 2,4,6-Trichlorophenol	9.169	196	245007	49.999	ng	99

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44) 2,4,5-Trichlorophenol	9.210	196	264277	49.716	ng	# 91
46) 1,1'-Biphenyl	9.357	154	972363	51.520	ng	99
47) 2-Chloronaphthalene	9.386	162	759261	50.223	ng	99
48) 2-Nitroaniline	9.480	65	250480	49.333	ng	96
49) Acenaphthylene	9.798	152	1164728	50.169	ng	100
50) Dimethylphthalate	9.657	163	866028	49.353	ng	100
51) 2,6-Dinitrotoluene	9.722	165	194274	49.445	ng	89
52) Acenaphthene	9.975	154	748148	49.656	ng	99
53) 3-Nitroaniline	9.892	138	145573	31.138	ng	# 96
54) 2,4-Dinitrophenol	9.998	184	81120	40.801	ng	86
55) Dibenzofuran	10.145	168	1044904	49.906	ng	93
56) 4-Nitrophenol	10.057	139	276681	81.042	ng	90
57) 2,4-Dinitrotoluene	10.128	165	255391	49.582	ng	99
58) Fluorene	10.486	166	830179	49.680	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.263	232	196771	48.015	ng	# 88
60) Diethylphthalate	10.357	149	850817	50.394	ng	99
61) 4-Chlorophenyl-phenyle...	10.475	204	384080	52.536	ng	# 87
62) 4-Nitroaniline	10.510	138	196015	42.450	ng	93
63) Azobenzene	10.639	77	843589	48.297	ng	97
65) 4,6-Dinitro-2-methylph...	10.533	198	72074	28.828	ng	97
66) n-Nitrosodiphenylamine	10.598	169	710060	52.838	ng	96
67) 4-Bromophenyl-phenylether	10.969	248	241143	54.982	ng	93
68) Hexachlorobenzene	11.033	284	268273	55.849	ng	96
69) Atrazine	11.122	200	223733	54.474	ng	95
70) Pentachlorophenol	11.227	266	260744	98.733	ng	97
71) Phenanthrene	11.451	178	1108647	49.692	ng	99
72) Anthracene	11.504	178	1130791	51.151	ng	100
73) Carbazole	11.657	167	1012754	49.112	ng	99
74) Di-n-butylphthalate	11.980	149	1174469	49.293	ng	100
75) Fluoranthene	12.645	202	1055795	46.433	ng	97
77) Benzidine	12.763	184	454739	46.557	ng	98
78) Pyrene	12.874	202	1054066	50.283	ng	98
80) Butylbenzylphthalate	13.480	149	418491	48.925	ng	98
81) Benzo(a)anthracene	14.063	228	823074	48.768	ng	99
82) 3,3'-Dichlorobenzidine	14.021	252	172159	31.076	ng	97
83) Chrysene	14.098	228	760082	47.715	ng	100
84) Bis(2-ethylhexyl)phtha...	14.039	149	554946	52.830	ng	99
85) Di-n-octyl phthalate	14.651	149	887625	59.044	ng	97
87) Indeno(1,2,3-cd)pyrene	17.080	276	929295	54.129	ng	97
88) Benzo(b)fluoranthene	15.127	252	811357	48.676	ng	98
89) Benzo(k)fluoranthene	15.157	252	769771	47.561	ng	99
90) Benzo(a)pyrene	15.504	252	711239	52.736	ng	98
91) Dibenzo(a,h)anthracene	17.104	278	808290	58.412	ng	98
92) Benzo(g,h,i)perylene	17.551	276	808044	56.197	ng	96

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

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