

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042822\
 Data File : BF127973.D
 Acq On : 28 Apr 2022 11:23
 Operator : CG\JU
 Sample : PB144382BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB144382BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 04/29/2022
 Supervised By : Jagrut Upadhyay 04/29/2022

Quant Time: Apr 28 17:22:12 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 28 05:13:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.933	152	127689	20.000	ng	0.00
21) Naphthalene-d8	8.216	136	499749	20.000	ng	0.00
39) Acenaphthene-d10	9.974	164	277823	20.000	ng	0.00
64) Phenanthrene-d10	11.468	188	482803	20.000	ng	0.00
76) Chrysene-d12	14.115	240	294954	20.000	ng	0.00
86) Perylene-d12	15.621	264	249043	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.569	112	899393	112.190	ng	0.02
7) Phenol-d6	6.563	99	1177137	113.162	ng	0.00
23) Nitrobenzene-d5	7.498	82	854431	80.398	ng	0.00
42) 2,4,6-Tribromophenol	10.769	330	326195	116.633	ng	0.00
45) 2-Fluorobiphenyl	9.292	172	1321529	80.472	ng	0.00
79) Terphenyl-d14	13.057	244	1364706	84.605	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.875	88	124002	32.419	ng	98
3) Pyridine	3.628	79	286140	29.197	ng	98
4) n-Nitrosodimethylamine	3.593	42	210849	44.447	ng	95
6) Aniline	6.598	93	444406	35.958	ng	97
8) 2-Chlorophenol	6.716	128	369508	44.409	ng	98
9) Benzaldehyde	6.486	77	207434	32.234	ng	95
10) Phenol	6.575	94	449776m	42.870	ng	
11) bis(2-Chloroethyl)ether	6.669	93	376700	43.284	ng	99
12) 1,3-Dichlorobenzene	6.875	146	389955	40.715	ng	97
13) 1,4-Dichlorobenzene	6.951	146	395354	41.355	ng	98
14) 1,2-Dichlorobenzene	7.104	146	378841	42.806	ng	100
15) Benzyl Alcohol	7.075	79	304440	43.037	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.204	45	581389	43.709	ng	97
17) 2-Methylphenol	7.181	107	334833	46.640	ng	98
18) Hexachloroethane	7.445	117	153176	43.583	ng	99
19) n-Nitroso-di-n-propyla...	7.345	70	279233	43.852	ng	97
20) 3+4-Methylphenols	7.333	107	372139	42.911	ng	97
22) Acetophenone	7.345	105	512787	42.099	ng	96
24) Nitrobenzene	7.522	77	443741	43.331	ng	97
25) Isophorone	7.757	82	770684	43.087	ng	99
26) 2-Nitrophenol	7.833	139	194425	44.554	ng	95
27) 2,4-Dimethylphenol	7.863	122	337485	46.561	ng	97
28) bis(2-Chloroethoxy)met...	7.963	93	459582	40.092	ng	98
29) 2,4-Dichlorophenol	8.075	162	306113	40.312	ng	99
30) 1,2,4-Trichlorobenzene	8.157	180	342245	39.678	ng	99
31) Naphthalene	8.239	128	1039177	40.827	ng	100
32) Benzoic acid	7.992	122	211890	40.785	ng	97
33) 4-Chloroaniline	8.286	127	233582	23.194	ng	99
34) Hexachlorobutadiene	8.351	225	224914	41.397	ng	98
35) Caprolactam	8.663	113	99754m	40.697	ng	
36) 4-Chloro-3-methylphenol	8.769	107	344101	42.430	ng	96
37) 2-Methylnaphthalene	8.933	142	710087	42.213	ng	99
38) 1-Methylnaphthalene	9.033	142	653892	39.992	ng	100
40) 1,2,4,5-Tetrachloroben...	9.098	216	336750	41.123	ng	97
41) Hexachlorocyclopentadiene	9.080	237	411239	92.691	ng	100
43) 2,4,6-Trichlorophenol	9.204	196	214672	39.841	ng	100

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44) 2,4,5-Trichlorophenol	9.251	196	239503	40.889	ng	95
46) 1,1'-Biphenyl	9.398	154	849590	41.283	ng	98
47) 2-Chloronaphthalene	9.422	162	627484	40.052	ng	97
48) 2-Nitroaniline	9.522	65	228577	43.132	ng	97
49) Acenaphthylene	9.839	152	971584	40.542	ng	100
50) Dimethylphthalate	9.698	163	749711	40.237	ng	99
51) 2,6-Dinitrotoluene	9.763	165	171443	42.498	ng	95
52) Acenaphthene	10.010	154	733511m	45.527	ng	
53) 3-Nitroaniline	9.933	138	121327	27.084	ng	91
54) 2,4-Dinitrophenol	10.039	184	183690	86.461	ng	# 82
55) Dibenzofuran	10.186	168	904802	38.924	ng	99
56) 4-Nitrophenol	10.092	139	259546	75.875	ng	90
57) 2,4-Dinitrotoluene	10.169	165	233385	43.676	ng	94
58) Fluorene	10.527	166	687052	39.610	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.298	232	207840	42.196	ng	100
60) Diethylphthalate	10.398	149	736449	40.308	ng	99
61) 4-Chlorophenyl-phenyle...	10.516	204	340548	39.510	ng	95
62) 4-Nitroaniline	10.551	138	165326	37.749	ng	95
63) Azobenzene	10.680	77	802233	39.903	ng	97
65) 4,6-Dinitro-2-methylph...	10.574	198	124100	43.259	ng	98
66) n-Nitrosodiphenylamine	10.639	169	617592	41.110	ng	98
67) 4-Bromophenyl-phenylether	11.010	248	218200	40.769	ng	94
68) Hexachlorobenzene	11.074	284	241024	42.743	ng	94
69) Atrazine	11.163	200	219316	47.212	ng	95
70) Pentachlorophenol	11.268	266	267067	80.505	ng	97
71) Phenanthrene	11.492	178	1010385	39.979	ng	99
72) Anthracene	11.545	178	1036214	41.160	ng	99
73) Carbazole	11.698	167	917472	37.813	ng	99
74) Di-n-butylphthalate	12.021	149	1102669	40.415	ng	100
75) Fluoranthene	12.686	202	1039478	39.080	ng	97
77) Benzidine	12.804	184	349137	62.559	ng	99
78) Pyrene	12.915	202	1027833	43.168	ng	99
80) Butylbenzylphthalate	13.527	149	410733	44.011	ng	92
81) Benzo(a)anthracene	14.104	228	798860	40.635	ng	100
82) 3,3'-Dichlorobenzidine	14.062	252	217484	34.841	ng	100
83) Chrysene	14.139	228	767633	40.885	ng	99
84) Bis(2-ethylhexyl)phtha...	14.080	149	529924	42.818	ng	99
85) Di-n-octyl phthalate	14.698	149	805318	41.989	ng	100
87) Indeno(1,2,3-cd)pyrene	17.168	276	766776	46.127	ng	98
88) Benzo(b)fluoranthene	15.174	252	734561	46.960	ng	99
89) Benzo(k)fluoranthene	15.209	252	658309	41.773	ng	99
90) Benzo(a)pyrene	15.562	252	674851	52.012	ng	97
91) Dibenzo(a,h)anthracene	17.192	278	647860	48.595	ng	98
92) Benzo(g,h,i)perylene	17.645	276	659599	46.948	ng	97

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

