

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082523\
 Data File : BF134941.D
 Acq On : 25 Aug 2023 15:20
 Operator : CG\JU
 Sample : 04146-01MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 72-12013MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/26/2023
 Supervised By :mohammad ahmed 08/26/2023

Quant Time: Aug 25 15:44:22 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 22 19:33:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	82964	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	329477	20.000	ng	0.00
39) Acenaphthene-d10	9.828	164	162304	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	290592	20.000	ng	-0.01
76) Chrysene-d12	13.974	240	170466	20.000	ng	0.00
86) Perylene-d12	15.439	264	170434	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	485241	93.268	ng	0.00
7) Phenol-d6	6.428	99	606643	91.252	ng	-0.01
23) Nitrobenzene-d5	7.351	82	355329	59.427	ng	-0.01
42) 2,4,6-Tribromophenol	10.622	330	156507	81.875	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	624144	59.448	ng	-0.01
79) Terphenyl-d14	12.916	244	653822	52.753	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.516	88	100464	44.495	ng	98
3) Pyridine	3.269	79	252577	41.511	ng	98
4) n-Nitrosodimethylamine	3.234	42	133804	49.738	ng	99
6) Aniline	6.451	93	324088	39.443	ng	99
8) 2-Chlorophenol	6.575	128	289268	52.987	ng	100
9) Benzaldehyde	6.340	77	111050	30.457	ng	98
10) Phenol	6.440	94	354583	52.095	ng	90
11) bis(2-Chloroethyl)ether	6.528	93	259224	50.207	ng	98
12) 1,3-Dichlorobenzene	6.728	146	298119	52.359	ng	100
13) 1,4-Dichlorobenzene	6.804	146	303572	53.269	ng	97
14) 1,2-Dichlorobenzene	6.957	146	287399	54.408	ng	98
15) Benzyl Alcohol	6.934	79	246566	53.379	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.069	45	364900	48.806	ng	98
17) 2-Methylphenol	7.045	107	224412	47.498	ng	99
18) Hexachloroethane	7.298	117	91624	44.424	ng	99
19) n-Nitroso-di-n-propyla...	7.204	70	186218	47.961	ng	98
20) 3+4-Methylphenols	7.198	107	270743	55.726	ng	93
22) Acetophenone	7.198	105	368264	50.570	ng	# 96
24) Nitrobenzene	7.369	77	287595	47.935	ng	99
25) Isophorone	7.610	82	521325	46.693	ng	99
26) 2-Nitrophenol	7.687	139	119180	39.900	ng	95
27) 2,4-Dimethylphenol	7.728	122	228815	46.967	ng	98
28) bis(2-Chloroethoxy)met...	7.822	93	317467	47.708	ng	99
29) 2,4-Dichlorophenol	7.928	162	224724	46.685	ng	97
30) 1,2,4-Trichlorobenzene	8.010	180	251197	49.155	ng	100
31) Naphthalene	8.092	128	799471	48.595	ng	100
32) Benzoic acid	7.839	122	136667	38.012	ng	98
33) 4-Chloroaniline	8.139	127	226843	32.136	ng	98
34) Hexachlorobutadiene	8.204	225	148099	48.728	ng	98
35) Caprolactam	8.504	113	75532m	50.266	ng	
36) 4-Chloro-3-methylphenol	8.628	107	237446	46.744	ng	99
37) 2-Methylnaphthalene	8.781	142	502812	45.829	ng	98
38) 1-Methylnaphthalene	8.881	142	477242	46.519	ng	98
40) 1,2,4,5-Tetrachloroben...	8.945	216	243398	49.215	ng	100
41) Hexachlorocyclopentadiene	8.933	237	124647	56.926	ng	99
43) 2,4,6-Trichlorophenol	9.063	196	153254	46.920	ng	98

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44) 2,4,5-Trichlorophenol	9.104	196	159620	42.211	ng	98
46) 1,1'-Biphenyl	9.245	154	633607	49.448	ng	98
47) 2-Chloronaphthalene	9.275	162	462285	48.310	ng	98
48) 2-Nitroaniline	9.369	65	157506	50.072	ng	97
49) Acenaphthylene	9.686	152	750492	50.927	ng	100
50) Dimethylphthalate	9.551	163	579813	50.187	ng	99
51) 2,6-Dinitrotoluene	9.616	165	117462	46.098	ng	95
52) Acenaphthene	9.863	154	450667	48.544	ng	99
53) 3-Nitroaniline	9.786	138	135262	48.601	ng	99
54) 2,4-Dinitrophenol	9.892	184	64550	53.540	ng	# 86
55) Dibenzofuran	10.033	168	661236	48.921	ng	97
56) 4-Nitrophenol	9.951	139	181774	93.722	ng	97
57) 2,4-Dinitrotoluene	10.022	165	149977	47.593	ng	98
58) Fluorene	10.380	166	508780	49.629	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.151	232	130844	44.410	ng	97
60) Diethylphthalate	10.257	149	546158	51.599	ng	99
61) 4-Chlorophenyl-phenyle...	10.369	204	253753	49.377	ng	96
62) 4-Nitroaniline	10.398	138	140034	53.824	ng	99
63) Azobenzene	10.533	77	495426	47.116	ng	97
65) 4,6-Dinitro-2-methylph...	10.428	198	51497	30.033	ng	99
66) n-Nitrosodiphenylamine	10.492	169	461142	49.279	ng	100
67) 4-Bromophenyl-phenylether	10.863	248	161990	48.318	ng	93
68) Hexachlorobenzene	10.927	284	176565	49.519	ng	98
69) Atrazine	11.027	200	150938	59.399	ng	99
70) Pentachlorophenol	11.122	266	143598	66.921	ng	98
71) Phenanthrene	11.345	178	789072	51.819	ng	99
72) Anthracene	11.398	178	770367	49.376	ng	100
73) Carbazole	11.557	167	676880	52.649	ng	99
74) Di-n-butylphthalate	11.892	149	826117	56.027	ng	99
75) Fluoranthene	12.539	202	821361	56.927	ng	99
77) Benzidine	12.663	184	256964	92.908	ng	99
78) Pyrene	12.769	202	805156	44.548	ng	99
80) Butylbenzylphthalate	13.398	149	306525	55.665	ng	97
81) Benzo(a)anthracene	13.963	228	574977	49.437	ng	98
82) 3,3'-Dichlorobenzidine	13.927	252	184910	50.233	ng	99
83) Chrysene	13.998	228	551488	48.058	ng	99
84) Bis(2-ethylhexyl)phtha...	13.963	149	389093	65.229	ng	99
85) Di-n-octyl phthalate	14.580	149	606768	62.381	ng	99
87) Indeno(1,2,3-cd)pyrene	16.933	276	525074	43.101	ng	100
88) Benzo(b)fluoranthene	15.015	252	527363	54.844	ng	98
89) Benzo(k)fluoranthene	15.045	252	508494	53.852	ng	99
90) Benzo(a)pyrene	15.380	252	459308	47.848	ng	99
91) Dibenzo(a,h)anthracene	16.951	278	433440	43.973	ng	99
92) Benzo(g,h,i)perylene	17.386	276	397244	39.368	ng	98

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

