

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082923\
 Data File : BF134983.D
 Acq On : 29 Aug 2023 14:41
 Operator : CG\JU
 Sample : PB155083BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB155083BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/30/2023
 Supervised By :mohammad ahmed 08/30/2023

Quant Time: Aug 29 22:25:50 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 28 02:45:19 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	113617	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	469135	20.000	ng	0.00
39) Acenaphthene-d10	9.828	164	248499	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	467384	20.000	ng	-0.01
76) Chrysene-d12	13.968	240	229856	20.000	ng	-0.01
86) Perylene-d12	15.439	264	221402	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	918176	128.869	ng	0.00
7) Phenol-d6	6.434	99	1158293	127.225	ng	0.00
23) Nitrobenzene-d5	7.351	82	750588	88.162	ng	-0.01
42) 2,4,6-Tribromophenol	10.622	330	368395	125.874	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	1377105	85.669	ng	-0.01
79) Terphenyl-d14	12.916	244	1532906	91.725	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.593	88	113665	36.760	ng	98
3) Pyridine	3.351	79	294043	35.288	ng	98
4) n-Nitrosodimethylamine	3.310	42	173603	47.122	ng	99
6) Aniline	6.451	93	471261	41.881	ng	# 89
8) 2-Chlorophenol	6.575	128	373924	50.015	ng	97
9) Benzaldehyde	6.340	77	226364	45.334	ng	97
10) Phenol	6.445	94	445210	47.763	ng	90
11) bis(2-Chloroethyl)ether	6.528	93	334780	47.348	ng	99
12) 1,3-Dichlorobenzene	6.728	146	383473	49.179	ng	99
13) 1,4-Dichlorobenzene	6.804	146	387019	49.590	ng	98
14) 1,2-Dichlorobenzene	6.957	146	372102	51.438	ng	97
15) Benzyl Alcohol	6.934	79	323909	51.204	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.063	45	473817	46.276	ng	99
17) 2-Methylphenol	7.045	107	294126	45.458	ng	98
18) Hexachloroethane	7.292	117	141839	50.217	ng	97
19) n-Nitroso-di-n-propyla...	7.204	70	244586	45.999	ng	99
20) 3+4-Methylphenols	7.198	107	351567	45.842	ng	98
22) Acetophenone	7.198	105	479101	46.205	ng	99
24) Nitrobenzene	7.369	77	385586	45.135	ng	98
25) Isophorone	7.610	82	693569	43.627	ng	99
26) 2-Nitrophenol	7.686	139	200038	47.034	ng	95
27) 2,4-Dimethylphenol	7.728	122	322126	46.437	ng	99
28) bis(2-Chloroethoxy)met...	7.822	93	419197	44.242	ng	99
29) 2,4-Dichlorophenol	7.928	162	312329	45.569	ng	98
30) 1,2,4-Trichlorobenzene	8.010	180	337328	46.359	ng	98
31) Naphthalene	8.086	128	1067457	45.569	ng	100
32) Benzoic acid	7.857	122	239624	46.808	ng	96
33) 4-Chloroaniline	8.139	127	362817	36.098	ng	97
34) Hexachlorobutadiene	8.204	225	200538	46.339	ng	98
35) Caprolactam	8.516	113	104441m	48.814	ng	
36) 4-Chloro-3-methylphenol	8.628	107	342337	47.331	ng	97
37) 2-Methylnaphthalene	8.781	142	688614	44.080	ng	99
38) 1-Methylnaphthalene	8.881	142	637499	43.641	ng	100
40) 1,2,4,5-Tetrachloroben...	8.945	216	327767	43.286	ng	99
41) Hexachlorocyclopentadiene	8.933	237	353317	105.390	ng	99
43) 2,4,6-Trichlorophenol	9.063	196	222895	44.571	ng	97

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44) 2,4,5-Trichlorophenol	9.104	196	241656	41.738	ng	98
46) 1,1'-Biphenyl	9.245	154	851410	43.398	ng	100
47) 2-Chloronaphthalene	9.269	162	653763	44.622	ng	97
48) 2-Nitroaniline	9.369	65	220198	45.721	ng	94
49) Acenaphthylene	9.686	152	1011862	44.846	ng	100
50) Dimethylphthalate	9.557	163	775011	43.815	ng	98
51) 2,6-Dinitrotoluene	9.616	165	178757	45.820	ng	94
52) Acenaphthene	9.857	154	625032	43.973	ng	99
53) 3-Nitroaniline	9.786	138	167831	39.386	ng	97
54) 2,4-Dinitrophenol	9.898	184	196328	106.358	ng	# 86
55) Dibenzofuran	10.033	168	904874	43.725	ng	97
56) 4-Nitrophenol	9.957	139	288540	97.167	ng	92
57) 2,4-Dinitrotoluene	10.022	165	227728	47.200	ng	90
58) Fluorene	10.375	166	709120	45.178	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.151	232	210376	46.637	ng	99
60) Diethylphthalate	10.257	149	732013	45.169	ng	98
61) 4-Chlorophenyl-phenyle...	10.369	204	350058	44.490	ng	97
62) 4-Nitroaniline	10.404	138	185466	46.560	ng	97
63) Azobenzene	10.533	77	714773	44.398	ng	97
65) 4,6-Dinitro-2-methylph...	10.433	198	135967	49.302	ng	95
66) n-Nitrosodiphenylamine	10.492	169	638026	42.391	ng	99
67) 4-Bromophenyl-phenylether	10.863	248	225777	41.871	ng	92
68) Hexachlorobenzene	10.927	284	261461	45.592	ng	95
69) Atrazine	11.027	200	223052	54.575	ng	99
70) Pentachlorophenol	11.122	266	269597	78.116	ng	98
71) Phenanthrene	11.345	178	1089368	44.479	ng	99
72) Anthracene	11.398	178	1106658	44.100	ng	100
73) Carbazole	11.551	167	956756	46.269	ng	99
74) Di-n-butylphthalate	11.886	149	1079883	45.534	ng	100
75) Fluoranthene	12.533	202	1100905	47.440	ng	99
77) Benzidine	12.663	184	496193	133.050	ng	99
78) Pyrene	12.769	202	1087782	44.635	ng	100
80) Butylbenzylphthalate	13.392	149	373068	50.244	ng	99
81) Benzo(a)anthracene	13.957	228	698748	44.556	ng	99
82) 3,3'-Dichlorobenzidine	13.927	252	210085	42.325	ng	# 98
83) Chrysene	13.998	228	662252	42.799	ng	100
84) Bis(2-ethylhexyl)phtha...	13.957	149	408691	50.812	ng	99
85) Di-n-octyl phthalate	14.574	149	563389	42.955	ng	98
87) Indeno(1,2,3-cd)pyrene	16.933	276	740119	46.767	ng	99
88) Benzo(b)fluoranthene	15.010	252	598389	47.904	ng	98
89) Benzo(k)fluoranthene	15.039	252	597322	48.696	ng	99
90) Benzo(a)pyrene	15.374	252	549965	44.103	ng	100
91) Dibenzo(a,h)anthracene	16.951	278	598688	46.755	ng	100
92) Benzo(g,h,i)perylene	17.386	276	602805	45.987	ng	98

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

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