

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081422\
 Data File : BF129771.D
 Acq On : 14 Aug 2022 19:53
 Operator : CG\JU
 Sample : PB146938BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB146938BS

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 08/15/2022
 Supervised By :Sohil Jodhani 08/18/2022

Quant Time: Aug 15 02:58:39 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 15 02:28:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	170846	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	714440	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	385001	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	658725	20.000	ng	0.00
76) Chrysene-d12	14.004	240	409792	20.000	ng	0.00
86) Perylene-d12	15.468	264	321734	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	1094529	106.073	ng	0.00
7) Phenol-d6	6.481	99	1345690	104.141	ng	0.00
23) Nitrobenzene-d5	7.392	82	879462	65.897	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	403123	104.326	ng	0.00
45) 2-Fluorobiphenyl	9.181	172	1688149	66.596	ng	0.00
79) Terphenyl-d14	12.939	244	1843385	74.850	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.593	88	108523	25.492	ng	99
3) Pyridine	3.387	79	314426	28.223	ng	99
4) n-Nitrosodimethylamine	3.316	42	188217	36.660	ng	99
6) Aniline	6.493	93	560113	38.032	ng	94
8) 2-Chlorophenol	6.622	128	435030	37.871	ng	99
9) Benzaldehyde	6.381	77	241942	33.957	ng	97
10) Phenol	6.493	94	521839	36.816	ng	95
11) bis(2-Chloroethyl)ether	6.563	93	407668	37.875	ng	99
12) 1,3-Dichlorobenzene	6.763	146	450478	36.325	ng	99
13) 1,4-Dichlorobenzene	6.840	146	458890	36.215	ng	99
14) 1,2-Dichlorobenzene	6.992	146	436625	37.101	ng	98
15) Benzyl Alcohol	6.975	79	375286	38.471	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.098	45	540601	37.482	ng	99
17) 2-Methylphenol	7.092	107	344801	37.383	ng	98
18) Hexachloroethane	7.334	117	175666	36.917	ng	92
19) n-Nitroso-di-n-propyla...	7.240	70	306428	37.517	ng	99
20) 3+4-Methylphenols	7.251	107	448724	36.243	ng	100
22) Acetophenone	7.240	105	617084	35.444	ng	100
24) Nitrobenzene	7.410	77	450254	33.457	ng	96
25) Isophorone	7.651	82	840171	36.576	ng	100
26) 2-Nitrophenol	7.728	139	241181	36.435	ng	98
27) 2,4-Dimethylphenol	7.769	122	379147	39.939	ng	97
28) bis(2-Chloroethoxy)met...	7.857	93	516006	38.473	ng	99
29) 2,4-Dichlorophenol	7.975	162	365731	35.232	ng	96
30) 1,2,4-Trichlorobenzene	8.045	180	365918	33.414	ng	98
31) Naphthalene	8.128	128	1262756	33.804	ng	100
32) Benzoic acid	7.916	122	135570	35.123	ng	96
33) 4-Chloroaniline	8.187	127	525282	35.758	ng	98
34) Hexachlorobutadiene	8.239	225	224828	33.717	ng	100
35) Caprolactam	8.569	113	117563m	36.419	ng	
36) 4-Chloro-3-methylphenol	8.681	107	397071	35.457	ng	98
37) 2-Methylnaphthalene	8.822	142	843568	34.407	ng	99
38) 1-Methylnaphthalene	8.922	142	792714	33.269	ng	100
40) 1,2,4,5-Tetrachloroben...	8.986	216	375220	35.041	ng	99
41) Hexachlorocyclopentadiene	8.969	237	291456	82.477	ng	100
43) 2,4,6-Trichlorophenol	9.110	196	237351	34.115	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.157	196	254593	34.013	ng	97
46) 1,1'-Biphenyl	9.286	154	1026881	35.109	ng	99
47) 2-Chloronaphthalene	9.310	162	791490	34.201	ng	97
48) 2-Nitroaniline	9.416	65	253722	34.693	ng	98
49) Acenaphthylene	9.728	152	1200319	34.204	ng	99
50) Dimethylphthalate	9.586	163	957032	34.676	ng	100
51) 2,6-Dinitrotoluene	9.657	165	208306	34.793	ng	99
52) Acenaphthene	9.898	154	724348	34.021	ng	99
53) 3-Nitroaniline	9.833	138	215109	32.489	ng	100
54) 2,4-Dinitrophenol	9.945	184	191582	71.408	ng	96
55) Dibenzofuran	10.075	168	1082436	33.840	ng	99
56) 4-Nitrophenol	10.022	139	230880	78.384	ng	97
57) 2,4-Dinitrotoluene	10.069	165	271979	34.995	ng	99
58) Fluorene	10.416	166	901805	33.766	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.198	232	193229	35.176	ng	# 79
60) Diethylphthalate	10.286	149	947635	34.435	ng	99
61) 4-Chlorophenyl-phenyle...	10.404	204	418981	34.957	ng	99
62) 4-Nitroaniline	10.451	138	226729m	33.944	ng	
63) Azobenzene	10.563	77	908635	34.543	ng	99
65) 4,6-Dinitro-2-methylph...	10.480	198	134639	34.817	ng	95
66) n-Nitrosodiphenylamine	10.528	169	780228	35.093	ng	100
67) 4-Bromophenyl-phenylether	10.892	248	272844	35.364	ng	98
68) Hexachlorobenzene	10.963	284	300643	35.973	ng	97
69) Atrazine	11.057	200	257588	37.748	ng	99
70) Pentachlorophenol	11.169	266	181012	72.756	ng	96
71) Phenanthrene	11.380	178	1266118	34.415	ng	100
72) Anthracene	11.433	178	1299699	35.525	ng	100
73) Carbazole	11.592	167	1179871	35.527	ng	99
74) Di-n-butylphthalate	11.904	149	1509826	35.324	ng	99
75) Fluoranthene	12.569	202	1289320	34.248	ng	98
77) Benzidine	12.698	184	889915	96.622	ng	99
78) Pyrene	12.804	202	1284062	36.058	ng	100
80) Butylbenzylphthalate	13.410	149	552386	36.658	ng	98
81) Benzo(a)anthracene	13.992	228	977691	34.682	ng	99
82) 3,3'-Dichlorobenzidine	13.951	252	311229	35.648	ng	99
83) Chrysene	14.027	228	909031	34.449	ng	99
84) Bis(2-ethylhexyl)phtha...	13.957	149	668108	37.372	ng	# 97
85) Di-n-octyl phthalate	14.574	149	905678	36.699	ng	100
87) Indeno(1,2,3-cd)pyrene	16.957	276	813687	36.839	ng	100
88) Benzo(b)fluoranthene	15.039	252	769711	34.938	ng	99
89) Benzo(k)fluoranthene	15.068	252	782524	37.038	ng	99
90) Benzo(a)pyrene	15.410	252	664296	38.290	ng	100
91) Dibenzo(a,h)anthracene	16.962	278	702929	38.570	ng	99
92) Benzo(g,h,i)perylene	17.398	276	712378	39.181	ng	96

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

