

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110323\
 Data File : BF136120.D
 Acq On : 03 Nov 2023 12:57
 Operator : CG\JU
 Sample : PB156798BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB156798BS

Quant Time: Nov 04 00:07:18 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF103023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 31 01:13:02 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/04/2023
 Supervised By :mohammad ahmed 11/04/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	105246	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	430196	20.000	ng	# 0.00
39) Acenaphthene-d10	9.863	164	224764	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	414398	20.000	ng	0.00
76) Chrysene-d12	14.010	240	215133	20.000	ng	0.00
86) Perylene-d12	15.492	264	190465	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	817832	122.109	ng	0.00
7) Phenol-d6	6.457	99	993193	119.020	ng	0.00
23) Nitrobenzene-d5	7.387	82	604374	84.690	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	305618	127.390	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	1133771	80.411	ng	0.00
79) Terphenyl-d14	12.951	244	1274781	92.085	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.669	88	95434	32.723	ng	99
3) Pyridine	3.416	79	234312	29.435	ng	94
4) n-Nitrosodimethylamine	3.387	42	141143	42.407	ng	88
6) Aniline	6.481	93	310902	28.777	ng	94
8) 2-Chlorophenol	6.604	128	316648	44.222	ng	99
9) Benzaldehyde	6.369	77	38075	8.183	ng	97
10) Phenol	6.475	94	374387m	43.377	ng	
11) bis(2-Chloroethyl)ether	6.563	93	288262	42.662	ng	99
12) 1,3-Dichlorobenzene	6.763	146	328205	44.039	ng	98
13) 1,4-Dichlorobenzene	6.840	146	335845	44.967	ng	98
14) 1,2-Dichlorobenzene	6.987	146	316059	45.257	ng	97
15) Benzyl Alcohol	6.963	79	261857	44.256	ng	95
16) 2,2'-oxybis(1-Chloropr...	7.098	45	389626	41.893	ng	99
17) 2-Methylphenol	7.075	107	244303	40.218	ng	96
18) Hexachloroethane	7.328	117	118361	45.089	ng	98
19) n-Nitroso-di-n-propyla...	7.239	70	200569	42.066	ng	97
20) 3+4-Methylphenols	7.228	107	298767	40.335	ng	97
22) Acetophenone	7.234	105	414160	43.416	ng	# 93
24) Nitrobenzene	7.404	77	308480	42.734	ng	94
25) Isophorone	7.639	82	566599	42.056	ng	99
26) 2-Nitrophenol	7.716	139	160743	48.807	ng	89
27) 2,4-Dimethylphenol	7.757	122	249765	40.132	ng	96
28) bis(2-Chloroethoxy)met...	7.857	93	336603	40.777	ng	98
29) 2,4-Dichlorophenol	7.957	162	257067	43.815	ng	96
30) 1,2,4-Trichlorobenzene	8.045	180	278036	43.441	ng	99
31) Naphthalene	8.128	128	871324	42.002	ng	100
32) Benzoic acid	7.886	122	203724	41.623	ng	97
33) 4-Chloroaniline	8.169	127	190544	20.974	ng	99
34) Hexachlorobutadiene	8.239	225	164290	44.760	ng	99
35) Caprolactam	8.545	113	83275m	43.651	ng	
36) 4-Chloro-3-methylphenol	8.657	107	279371	45.356	ng	98
37) 2-Methylnaphthalene	8.816	142	565870	40.681	ng	98
38) 1-Methylnaphthalene	8.916	142	538448	41.596	ng	99
40) 1,2,4,5-Tetrachloroben...	8.981	216	270246	42.160	ng	98
41) Hexachlorocyclopentadiene	8.969	237	295155	86.188	ng	99
43) 2,4,6-Trichlorophenol	9.092	196	181887	43.519	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.139	196	195495	40.380	ng	98
46) 1,1'-Biphenyl	9.286	154	717108	41.853	ng	98
47) 2-Chloronaphthalene	9.304	162	553335	43.807	ng	97
48) 2-Nitroaniline	9.404	65	171301	45.825	ng	99
49) Acenaphthylene	9.722	152	860280	43.658	ng	99
50) Dimethylphthalate	9.586	163	641972	43.301	ng	99
51) 2,6-Dinitrotoluene	9.651	165	148146	46.720	ng	96
52) Acenaphthene	9.898	154	523738	41.810	ng	100
53) 3-Nitroaniline	9.816	138	120181	32.482	ng	93
54) 2,4-Dinitrophenol	9.922	184	152406	87.817	ng	# 85
55) Dibenzofuran	10.069	168	774535	42.403	ng	95
56) 4-Nitrophenol	9.980	139	240308	86.830	ng	80
57) 2,4-Dinitrotoluene	10.051	165	193437	48.215	ng	94
58) Fluorene	10.416	166	592912	43.354	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.186	232	170261m	44.234	ng	
60) Diethylphthalate	10.292	149	628934	44.399	ng	99
61) 4-Chlorophenyl-phenyle...	10.404	204	286325	41.942	ng	92
62) 4-Nitroaniline	10.433	138	145865	40.942	ng	94
63) Azobenzene	10.569	77	577984	42.367	ng	98
65) 4,6-Dinitro-2-methylph...	10.463	198	101853	45.126	ng	93
66) n-Nitrosodiphenylamine	10.528	169	539277	43.139	ng	99
67) 4-Bromophenyl-phenylether	10.898	248	187491	43.154	ng	# 93
68) Hexachlorobenzene	10.957	284	211646	45.612	ng	# 87
69) Atrazine	11.057	200	174173	51.209	ng	97
70) Pentachlorophenol	11.157	266	217488	72.982	ng	98
71) Phenanthrene	11.380	178	906838	43.462	ng	99
72) Anthracene	11.433	178	920580	43.057	ng	98
73) Carbazole	11.586	167	792626	42.662	ng	98
74) Di-n-butylphthalate	11.927	149	924755	43.559	ng	100
75) Fluoranthene	12.574	202	905553	42.247	ng	97
77) Benzidine	12.698	184	141884	33.837	ng	96
78) Pyrene	12.804	202	906046	47.769	ng	99
80) Butylbenzylphthalate	13.433	149	320010	47.134	ng	98
81) Benzo(a)anthracene	13.998	228	622796	43.728	ng	99
82) 3,3'-Dichlorobenzidine	13.963	252	164285	36.140	ng	98
83) Chrysene	14.033	228	595680	42.469	ng	99
84) Bis(2-ethylhexyl)phtha...	13.998	149	363742	45.985	ng	# 96
85) Di-n-octyl phthalate	14.621	149	518613	43.766	ng	99
87) Indeno(1,2,3-cd)pyrene	17.009	276	649774	52.199	ng	97
88) Benzo(b)fluoranthene	15.057	252	538382	47.771	ng	98
89) Benzo(k)fluoranthene	15.086	252	466325	41.818	ng	99
90) Benzo(a)pyrene	15.433	252	453669	43.323	ng	98
91) Dibenzo(a,h)anthracene	17.033	278	536473	52.613	ng	98
92) Benzo(g,h,i)perylene	17.468	276	542608	46.817	ng	98

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

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