

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110123\
 Data File : BF136072.D
 Acq On : 01 Nov 2023 12:51
 Operator : CG\JU
 Sample : PB156730BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB156730BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh
 Patel
 11/02/2023

Supervised By :mohammad
 ahmed
 11/02/2023

Quant Time: Nov 01 22:38:33 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	147451	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	599494	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	312763	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	582060	20.000	ng	0.00
76) Chrysene-d12	14.016	240	311565	20.000	ng	# 0.00
86) Perylene-d12	15.504	264	288741	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	1207665	128.703	ng	0.02
7) Phenol-d6	6.469	99	1507868	128.975	ng	0.01
23) Nitrobenzene-d5	7.392	82	910238	91.530	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	469143	140.531	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	1688017	86.035	ng	0.00
79) Terphenyl-d14	12.963	244	1934345	96.482	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.669	88	163288	39.963	ng	99
3) Pyridine	3.428	79	371922	33.348	ng	99
4) n-Nitrosodimethylamine	3.393	42	202560	43.440	ng	97
6) Aniline	6.487	93	531775	35.132	ng	# 88
8) 2-Chlorophenol	6.610	128	484822	48.328	ng	98
9) Benzaldehyde	6.375	77	134359	20.610	ng	97
10) Phenol	6.481	94	564482m	46.681	ng	
11) bis(2-Chloroethyl)ether	6.569	93	445360	47.046	ng	99
12) 1,3-Dichlorobenzene	6.769	146	489059	46.840	ng	99
13) 1,4-Dichlorobenzene	6.845	146	495746	47.377	ng	99
14) 1,2-Dichlorobenzene	6.992	146	481132	49.174	ng	97
15) Benzyl Alcohol	6.969	79	392440	47.341	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.104	45	625732	48.022	ng	99
17) 2-Methylphenol	7.081	107	377849	44.399	ng	98
18) Hexachloroethane	7.334	117	180448	49.065	ng	97
19) n-Nitroso-di-n-propyla...	7.245	70	308038	46.113	ng	98
20) 3+4-Methylphenols	7.234	107	453240	43.675	ng	93
22) Acetophenone	7.239	105	620867	46.705	ng	# 92
24) Nitrobenzene	7.410	77	467691	46.493	ng	95
25) Isophorone	7.651	82	872579	46.477	ng	99
26) 2-Nitrophenol	7.722	139	245227	53.432	ng	94
27) 2,4-Dimethylphenol	7.763	122	421459	48.596	ng	100
28) bis(2-Chloroethoxy)met...	7.863	93	537702	46.743	ng	98
29) 2,4-Dichlorophenol	7.963	162	394296	48.226	ng	96
30) 1,2,4-Trichlorobenzene	8.045	180	425578	47.715	ng	98
31) Naphthalene	8.134	128	1333036	46.112	ng	100
32) Benzoic acid	7.892	122	333070	47.946	ng	99
33) 4-Chloroaniline	8.181	127	411161	32.477	ng	96
34) Hexachlorobutadiene	8.245	225	245155	47.929	ng	99
35) Caprolactam	8.557	113	135256m	50.876	ng	
36) 4-Chloro-3-methylphenol	8.663	107	413313	48.152	ng	100
37) 2-Methylnaphthalene	8.822	142	868581	44.810	ng	99
38) 1-Methylnaphthalene	8.922	142	812692	45.052	ng	100
40) 1,2,4,5-Tetrachloroben...	8.986	216	411719	46.158	ng	99
41) Hexachlorocyclopentadiene	8.975	237	488795	102.573	ng	100
43) 2,4,6-Trichlorophenol	9.098	196	284558	48.928	ng	99

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44) 2,4,5-Trichlorophenol	9.145	196	311183	46.191	ng	98
46) 1,1'-Biphenyl	9.292	154	1105029	46.347	ng	99
47) 2-Chloronaphthalene	9.316	162	833657	47.430	ng	99
48) 2-Nitroaniline	9.410	65	254869	48.997	ng	97
49) Acenaphthylene	9.728	152	1270226	46.325	ng	99
50) Dimethylphthalate	9.598	163	978268	47.419	ng	99
51) 2,6-Dinitrotoluene	9.657	165	222007	50.314	ng	92
52) Acenaphthene	9.904	154	818622	46.963	ng	100
53) 3-Nitroaniline	9.822	138	206802	40.168	ng	95
54) 2,4-Dinitrophenol	9.933	184	233503	95.883	ng	97
55) Dibenzofuran	10.075	168	1169761	46.022	ng	98
56) 4-Nitrophenol	9.986	139	370646	96.244	ng	87
57) 2,4-Dinitrotoluene	10.063	165	290368	52.012	ng	91
58) Fluorene	10.422	166	875205	45.990	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.192	232	265356	49.543	ng	98
60) Diethylphthalate	10.298	149	933385	47.352	ng	100
61) 4-Chlorophenyl-phenyle...	10.410	204	433309	45.614	ng	96
62) 4-Nitroaniline	10.445	138	235155	47.433	ng	95
63) Azobenzene	10.575	77	886200	46.683	ng	97
65) 4,6-Dinitro-2-methylph...	10.469	198	159950	49.770	ng	84
66) n-Nitrosodiphenylamine	10.533	169	816939	46.526	ng	99
67) 4-Bromophenyl-phenylether	10.904	248	287348	47.087	ng	94
68) Hexachlorobenzene	10.969	284	328093	50.340	ng	99
69) Atrazine	11.063	200	186998	39.143	ng	97
70) Pentachlorophenol	11.163	266	368772	88.103	ng	97
71) Phenanthrene	11.386	178	1354497	46.218	ng	100
72) Anthracene	11.439	178	1381348	45.998	ng	100
73) Carbazole	11.592	167	1209718	46.356	ng	99
74) Di-n-butylphthalate	11.933	149	1428477	47.905	ng	100
75) Fluoranthene	12.580	202	1363451	45.287	ng	99
77) Benzidine	12.704	184	366964	60.429	ng	99
78) Pyrene	12.810	202	1377236	50.138	ng	100
80) Butylbenzylphthalate	13.439	149	502981	51.154	ng	100
81) Benzo(a)anthracene	14.004	228	965568	46.812	ng	99
82) 3,3'-Dichlorobenzidine	13.974	252	312901	47.529	ng	97
83) Chrysene	14.045	228	944749	46.509	ng	98
84) Bis(2-ethylhexyl)phtha...	14.010	149	577381	50.402	ng	99
85) Di-n-octyl phthalate	14.627	149	905727	52.778	ng	100
87) Indeno(1,2,3-cd)pyrene	17.027	276	1014573	53.764	ng	98
88) Benzo(b)fluoranthene	15.068	252	885743	51.842	ng	99
89) Benzo(k)fluoranthene	15.098	252	782198	46.270	ng	99
90) Benzo(a)pyrene	15.445	252	739946	46.611	ng	99
91) Dibenzo(a,h)anthracene	17.057	278	833757	53.938	ng	99
92) Benzo(g,h,i)perylene	17.498	276	861264	48.882	ng	98

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

