

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081524\
 Data File : BF139015.D
 Acq On : 15 Aug 2024 11:15
 Operator : RC/JU
 Sample : PB162727BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB162727BS

Quant Time: Aug 15 12:31:39 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 30 17:50:01 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 08/16/2024
 Supervised By :mohammad ahmed 08/17/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	46170	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	190934	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	108880	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	185241	20.000	ng	0.00
76) Chrysene-d12	14.004	240	95091	20.000	ng	# 0.00
86) Perylene-d12	15.468	264	86651	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	399264	133.490	ng	0.01
7) Phenol-d6	6.492	99	523333	130.323	ng	0.00
23) Nitrobenzene-d5	7.410	82	343110	87.858	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	120229	134.805	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	629342	86.846	ng	-0.01
79) Terphenyl-d14	12.939	244	578100	101.786	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.687	88	42927	32.782	ng	# 94
3) Pyridine	3.446	79	107533	33.900	ng	92
4) n-Nitrosodimethylamine	3.404	42	105190	55.679	ng	# 80
6) Aniline	6.504	93	114255	31.904	ng	# 1
8) 2-Chlorophenol	6.634	128	152887	48.585	ng	98
9) Benzaldehyde	6.393	77	65206	27.088	ng	98
10) Phenol	6.504	94	197972	46.824	ng	82
11) bis(2-Chloroethyl)ether	6.575	93	145308	44.661	ng	99
12) 1,3-Dichlorobenzene	6.775	146	160157	45.467	ng	97
13) 1,4-Dichlorobenzene	6.857	146	161514	45.435	ng	98
14) 1,2-Dichlorobenzene	7.004	146	154286	46.440	ng	99
15) Benzyl Alcohol	6.992	79	148407	51.276	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.104	45	252628	45.118	ng	# 48
17) 2-Methylphenol	7.104	107	122402	47.105	ng	# 83
18) Hexachloroethane	7.345	117	61589	46.027	ng	95
19) n-Nitroso-di-n-propyla...	7.257	70	119613	49.317	ng	97
20) 3+4-Methylphenols	7.263	107	166317	49.886	ng	# 73
22) Acetophenone	7.251	105	213743	45.720	ng	99
24) Nitrobenzene	7.428	77	181348	45.635	ng	98
25) Isophorone	7.663	82	312653	46.886	ng	97
26) 2-Nitrophenol	7.739	139	81935	47.924	ng	91
27) 2,4-Dimethylphenol	7.781	122	104392	51.033	ng	96
28) bis(2-Chloroethoxy)met...	7.869	93	180222	44.380	ng	99
29) 2,4-Dichlorophenol	7.992	162	126680	48.193	ng	99
30) 1,2,4-Trichlorobenzene	8.063	180	135085	44.532	ng	99
31) Naphthalene	8.145	128	451578	44.932	ng	99
32) Benzoic acid	7.939	122	56423	35.089	ng	92
33) 4-Chloroaniline	8.198	127	98460	29.185	ng	96
34) Hexachlorobutadiene	8.251	225	82429	44.863	ng	99
35) Caprolactam	8.581	113	37222m	47.457	ng	
36) 4-Chloro-3-methylphenol	8.692	107	150239	50.012	ng	98
37) 2-Methylnaphthalene	8.834	142	296580	46.726	ng	99
38) 1-Methylnaphthalene	8.928	142	273840	44.028	ng	99
40) 1,2,4,5-Tetrachloroben...	8.998	216	125438	41.473	ng	98
41) Hexachlorocyclopentadiene	8.975	237	65947	82.170	ng	98
43) 2,4,6-Trichlorophenol	9.116	196	81944	44.436	ng	98

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44) 2,4,5-Trichlorophenol	9.169	196	89481	44.385	ng	97
46) 1,1'-Biphenyl	9.292	154	352245	41.308	ng	99
47) 2-Chloronaphthalene	9.322	162	275789	43.486	ng	98
48) 2-Nitroaniline	9.428	65	108173	50.312	ng	94
49) Acenaphthylene	9.739	152	437443	48.632	ng	99
50) Dimethylphthalate	9.598	163	340432	48.899	ng	100
51) 2,6-Dinitrotoluene	9.669	165	73633	46.865	ng	# 85
52) Acenaphthene	9.910	154	267062	44.168	ng	100
53) 3-Nitroaniline	9.839	138	50880	31.325	ng	95
54) 2,4-Dinitrophenol	9.963	184	63545	87.859	ng	# 85
55) Dibenzofuran	10.081	168	402160	47.117	ng	98
56) 4-Nitrophenol	10.028	139	69650	71.309	ng	86
57) 2,4-Dinitrotoluene	10.081	165	100227	49.999	ng	# 78
58) Fluorene	10.422	166	326727	48.070	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.204	232	74219	48.155	ng	96
60) Diethylphthalate	10.298	149	330559	50.076	ng	100
61) 4-Chlorophenyl-phenyle...	10.410	204	158931	47.543	ng	96
62) 4-Nitroaniline	10.463	138	68832m	44.594	ng	
63) Azobenzene	10.575	77	348134	47.551	ng	96
65) 4,6-Dinitro-2-methylph...	10.492	198	53981	47.765	ng	92
66) n-Nitrosodiphenylamine	10.533	169	278736	48.139	ng	99
67) 4-Bromophenyl-phenylether	10.904	248	92310	46.027	ng	99
68) Hexachlorobenzene	10.969	284	95034	45.893	ng	98
69) Atrazine	11.063	200	81158	54.327	ng	96
70) Pentachlorophenol	11.175	266	64581	69.190	ng	96
71) Phenanthrene	11.386	178	466051	48.860	ng	99
72) Anthracene	11.439	178	468917	49.902	ng	100
73) Carbazole	11.598	167	381172	47.018	ng	99
74) Di-n-butylphthalate	11.916	149	480287	52.700	ng	99
75) Fluoranthene	12.574	202	410117	46.056	ng	99
77) Benzidine	12.698	184	24671m	10.847	ng	
78) Pyrene	12.804	202	411952	46.012	ng	100
80) Butylbenzylphthalate	13.410	149	144283	50.325	ng	100
81) Benzo(a)anthracene	13.992	228	298189	45.538	ng	99
82) 3,3'-Dichlorobenzidine	13.951	252	59576	35.553	ng	99
83) Chrysene	14.033	228	283170	47.932	ng	100
84) Bis(2-ethylhexyl)phtha...	13.963	149	179628	42.786	ng	98
85) Di-n-octyl phthalate	14.574	149	305337	39.309	ng	99
87) Indeno(1,2,3-cd)pyrene	16.957	276	304209	48.989	ng	96
88) Benzo(b)fluoranthene	15.045	252	274578	51.117	ng	98
89) Benzo(k)fluoranthene	15.074	252	250613	53.887	ng	98
90) Benzo(a)pyrene	15.410	252	243665	53.929	ng	99
91) Dibenzo(a,h)anthracene	16.957	278	244606	47.986	ng	99
92) Benzo(g,h,i)perylene	17.398	276	235847	44.587	ng	95

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

