

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071124\
 Data File : BF138518.D
 Acq On : 11 Jul 2024 12:27
 Operator : CG\JU
 Sample : PB161993BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB161993BS

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/12/2024
 Supervised By :mohammad ahmed 07/13/2024

Quant Time: Jul 11 13:50:06 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF070924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 09 16:58:40 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	128100	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	527348	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	292519	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	509310	20.000	ng	0.00
76) Chrysene-d12	14.027	240	246232	20.000	ng	0.00
86) Perylene-d12	15.492	264	233225	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1021382	126.278	ng	0.02
7) Phenol-d6	6.516	99	1344037	124.911	ng	0.01
23) Nitrobenzene-d5	7.439	82	894740	83.303	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	353941	129.465	ng	0.00
45) 2-Fluorobiphenyl	9.227	172	1529380	81.714	ng	0.00
79) Terphenyl-d14	12.974	244	1560689	103.258	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.751	88	120238	33.565	ng	99
3) Pyridine	3.498	79	299847	33.942	ng	98
4) n-Nitrosodimethylamine	3.463	42	257446	44.767	ng	96
6) Aniline	6.534	93	276931	27.478	ng	92
8) 2-Chlorophenol	6.657	128	410373	47.982	ng	98
9) Benzaldehyde	6.416	77	103109	17.903	ng	97
10) Phenol	6.528	94	512319	44.857	ng	98
11) bis(2-Chloroethyl)ether	6.604	93	412644	47.988	ng	99
12) 1,3-Dichlorobenzene	6.810	146	407713	42.410	ng	98
13) 1,4-Dichlorobenzene	6.886	146	413992	42.407	ng	99
14) 1,2-Dichlorobenzene	7.033	146	397205	43.685	ng	95
15) Benzyl Alcohol	7.016	79	379704	47.022	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.139	45	736299	43.542	ng	95
17) 2-Methylphenol	7.128	107	320958	45.790	ng	94
18) Hexachloroethane	7.375	117	156523	43.613	ng	96
19) n-Nitroso-di-n-propyla...	7.286	70	298317	44.869	ng	97
20) 3+4-Methylphenols	7.281	107	390642	44.257	ng	# 83
22) Acetophenone	7.281	105	554209	43.271	ng	# 94
24) Nitrobenzene	7.457	77	462518	42.375	ng	95
25) Isophorone	7.692	82	825697	44.765	ng	98
26) 2-Nitrophenol	7.769	139	220033	47.034	ng	99
27) 2,4-Dimethylphenol	7.804	122	281794	49.010	ng	98
28) bis(2-Chloroethoxy)met...	7.898	93	486747	44.155	ng	99
29) 2,4-Dichlorophenol	8.010	162	334751	44.833	ng	98
30) 1,2,4-Trichlorobenzene	8.092	180	370201	42.561	ng	99
31) Naphthalene	8.175	128	1168648	42.610	ng	99
32) Benzoic acid	7.957	122	258701	47.174	ng	93
33) 4-Chloroaniline	8.222	127	231003	24.005	ng	97
34) Hexachlorobutadiene	8.286	225	221184	41.295	ng	99
35) Caprolactam	8.610	113	104846m	43.516	ng	
36) 4-Chloro-3-methylphenol	8.710	107	374448	44.796	ng	98
37) 2-Methylnaphthalene	8.863	142	751449	42.576	ng	100
38) 1-Methylnaphthalene	8.963	142	696252	40.421	ng	97
40) 1,2,4,5-Tetrachloroben...	9.027	216	349865	42.914	ng	99
41) Hexachlorocyclopentadiene	9.016	237	324396	122.589	ng	98
43) 2,4,6-Trichlorophenol	9.145	196	234415	45.076	ng	99

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44) 2,4,5-Trichlorophenol	9.198	196	247006	43.184	ng	96
46) 1,1'-Biphenyl	9.327	154	935097	42.182	ng	98
47) 2-Chloronaphthalene	9.357	162	714008	42.634	ng	98
48) 2-Nitroaniline	9.451	65	266622	45.942	ng	94
49) Acenaphthylene	9.769	152	1103711	46.419	ng	100
50) Dimethylphthalate	9.633	163	858844	45.406	ng	100
51) 2,6-Dinitrotoluene	9.698	165	190445	43.729	ng	98
52) Acenaphthene	9.939	154	672647	42.558	ng	99
53) 3-Nitroaniline	9.863	138	132762	29.743	ng	95
54) 2,4-Dinitrophenol	9.974	184	222801	94.429	ng	95
55) Dibenzofuran	10.116	168	985466	42.987	ng	98
56) 4-Nitrophenol	10.039	139	298837	90.734	ng	98
57) 2,4-Dinitrotoluene	10.104	165	258720	45.914	ng	94
58) Fluorene	10.457	166	769582	42.426	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.233	232	209118	46.325	ng	99
60) Diethylphthalate	10.333	149	820738	45.010	ng	99
61) 4-Chlorophenyl-phenyle...	10.445	204	379817	41.699	ng	95
62) 4-Nitroaniline	10.486	138	189458	42.357	ng	98
63) Azobenzene	10.604	77	862754	44.007	ng	99
65) 4,6-Dinitro-2-methylph...	10.510	198	152583	51.885	ng	87
66) n-Nitrosodiphenylamine	10.569	169	676281	44.319	ng	96
67) 4-Bromophenyl-phenylether	10.933	248	233911	44.684	ng	97
68) Hexachlorobenzene	10.998	284	258044	44.372	ng	98
69) Atrazine	11.092	200	204989	40.519	ng	98
70) Pentachlorophenol	11.198	266	305670	88.828	ng	97
71) Phenanthrene	11.416	178	1147458	44.595	ng	99
72) Anthracene	11.468	178	1158721	45.365	ng	99
73) Carbazole	11.621	167	1002307	43.666	ng	100
74) Di-n-butylphthalate	11.951	149	1221805	46.179	ng	99
75) Fluoranthene	12.604	202	1146220	43.656	ng	98
77) Benzidine	12.721	184	52230	8.407	ng	98
78) Pyrene	12.833	202	1145873	45.842	ng	99
80) Butylbenzylphthalate	13.445	149	388062	51.609	ng	100
81) Benzo(a)anthracene	14.015	228	749891	45.387	ng	98
82) 3,3'-Dichlorobenzidine	13.974	252	166409	39.087	ng	# 99
83) Chrysene	14.051	228	709931	45.421	ng	99
84) Bis(2-ethylhexyl)phtha...	13.998	149	419349	52.292	ng	99
85) Di-n-octyl phthalate	14.609	149	654794	51.686	ng	100
87) Indeno(1,2,3-cd)pyrene	16.968	276	794589	50.721	ng	100
88) Benzo(b)fluoranthene	15.062	252	601586	45.802	ng	99
89) Benzo(k)fluoranthene	15.092	252	625074	48.796	ng	99
90) Benzo(a)pyrene	15.433	252	583030	50.531	ng	98
91) Dibenzo(a,h)anthracene	16.986	278	651907	50.872	ng	99
92) Benzo(g,h,i)perylene	17.421	276	633563	46.624	ng	98

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

