

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072324\
 Data File : BF138614.D
 Acq On : 23 Jul 2024 12:55
 Operator : RC/JU
 Sample : PB162154BSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB162154BSD

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/24/2024
 Supervised By :mohammad ahmed 07/30/2024

Quant Time: Jul 23 13:17:36 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	6.851	152	89108	20.000	ng	-0.02
21) Naphthalene-d8	8.134	136	362675	20.000	ng	-0.02
39) Acenaphthene-d10	9.892	164	196145	20.000	ng	-0.01
64) Phenanthrene-d10	11.375	188	325879	20.000	ng	-0.01
76) Chrysene-d12	14.016	240	155298	20.000	ng	-0.01
86) Perylene-d12	15.474	264	157089	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	699698	124.360	ng	0.00
7) Phenol-d6	6.498	99	937120	125.204	ng	0.00
23) Nitrobenzene-d5	7.422	82	618364	83.712	ng	-0.01
42) 2,4,6-Tribromophenol	10.686	330	227014	123.837	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	1033213	82.328	ng	-0.02
79) Terphenyl-d14	12.963	244	956281	100.316	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.734	88	90324	36.247	ng	97
3) Pyridine	3.475	79	248154	40.382	ng	96
4) n-Nitrosodimethylamine	3.440	42	178055	44.510	ng	91
6) Aniline	6.522	93	233946	33.371	ng	# 73
8) 2-Chlorophenol	6.645	128	282503	47.485	ng	99
9) Benzaldehyde	6.404	77	24693	6.164	ng	96
10) Phenol	6.510	94	364668	45.901	ng	90
11) bis(2-Chloroethyl)ether	6.593	93	282011	47.147	ng	99
12) 1,3-Dichlorobenzene	6.792	146	291566	43.600	ng	97
13) 1,4-Dichlorobenzene	6.875	146	294306	43.339	ng	98
14) 1,2-Dichlorobenzene	7.022	146	281449	44.499	ng	97
15) Benzyl Alcohol	6.998	79	263103	46.840	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.128	45	510449	43.395	ng	84
17) 2-Methylphenol	7.116	107	228138	46.790	ng	# 90
18) Hexachloroethane	7.363	117	112783	45.177	ng	95
19) n-Nitroso-di-n-propyla...	7.269	70	215629	46.624	ng	95
20) 3+4-Methylphenols	7.269	107	286544	46.669	ng	90
22) Acetophenone	7.263	105	362944	41.205	ng	99
24) Nitrobenzene	7.439	77	325876	43.412	ng	97
25) Isophorone	7.675	82	585799	46.179	ng	99
26) 2-Nitrophenol	7.751	139	151568	47.110	ng	94
27) 2,4-Dimethylphenol	7.792	122	194774m	49.256	ng	
28) bis(2-Chloroethoxy)met...	7.887	93	344867	45.489	ng	99
29) 2,4-Dichlorophenol	7.998	162	226661	44.140	ng	97
30) 1,2,4-Trichlorobenzene	8.075	180	246716	41.243	ng	98
31) Naphthalene	8.157	128	823046	43.635	ng	100
32) Benzoic acid	7.928	122	135048	35.808	ng	98
33) 4-Chloroaniline	8.204	127	128806	19.463	ng	99
34) Hexachlorobutadiene	8.269	225	145452	39.486	ng	99
35) Caprolactam	8.581	113	69116m	41.712	ng	
36) 4-Chloro-3-methylphenol	8.698	107	258820	45.022	ng	100
37) 2-Methylnaphthalene	8.851	142	530498	43.705	ng	100
38) 1-Methylnaphthalene	8.951	142	491871	41.521	ng	99
40) 1,2,4,5-Tetrachloroben...	9.016	216	215447	39.411	ng	98
41) Hexachlorocyclopentadiene	8.998	237	207163	116.752	ng	99
43) 2,4,6-Trichlorophenol	9.128	196	148448	42.571	ng	98

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44) 2,4,5-Trichlorophenol	9.181	196	156763	40.873	ng	94
46) 1,1'-Biphenyl	9.316	154	614897	41.366	ng	99
47) 2-Chloronaphthalene	9.339	162	486363	43.310	ng	99
48) 2-Nitroaniline	9.439	65	180991	46.510	ng	98
49) Acenaphthylene	9.757	152	770016	48.297	ng	99
50) Dimethylphthalate	9.616	163	569605	44.910	ng	100
51) 2,6-Dinitrotoluene	9.681	165	125929	43.123	ng	90
52) Acenaphthene	9.928	154	481851	45.466	ng	99
53) 3-Nitroaniline	9.845	138	79839	26.675	ng	88
54) 2,4-Dinitrophenol	9.957	184	119447	76.434	ng	97
55) Dibenzofuran	10.098	168	674409	43.873	ng	99
56) 4-Nitrophenol	10.022	139	176098	79.738	ng	98
57) 2,4-Dinitrotoluene	10.086	165	167844	44.422	ng	94
58) Fluorene	10.439	166	532433	43.774	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.216	232	131157	43.330	ng	96
60) Diethylphthalate	10.316	149	543629	44.461	ng	99
61) 4-Chlorophenyl-phenyle...	10.433	204	254847	41.726	ng	95
62) 4-Nitroaniline	10.463	138	124479	41.503	ng	100
63) Azobenzene	10.592	77	598825	45.553	ng	98
65) 4,6-Dinitro-2-methylph...	10.492	198	91998	48.892	ng	80
66) n-Nitrosodiphenylamine	10.551	169	456581	46.764	ng	98
67) 4-Bromophenyl-phenylether	10.922	248	151026	45.090	ng	100
68) Hexachlorobenzene	10.986	284	167192	44.933	ng	97
69) Atrazine	11.080	200	139617	43.131	ng	97
70) Pentachlorophenol	11.186	266	170009	77.214	ng	97
71) Phenanthrene	11.404	178	755589	45.894	ng	99
72) Anthracene	11.457	178	773763	47.346	ng	100
73) Carbazole	11.610	167	665546	45.316	ng	99
74) Di-n-butylphthalate	11.933	149	789592	46.641	ng	100
75) Fluoranthene	12.586	202	732104	43.579	ng	97
77) Benzidine	12.710	184	128642	32.832	ng	99
78) Pyrene	12.822	202	722017	45.799	ng	100
80) Butylbenzylphthalate	13.433	149	249997	52.716	ng	97
81) Benzo(a)anthracene	14.004	228	493326	47.342	ng	100
82) 3,3'-Dichlorobenzidine	13.963	252	88796	33.070	ng	# 98
83) Chrysene	14.039	228	443288	44.968	ng	99
84) Bis(2-ethylhexyl)phtha...	13.986	149	271577	53.695	ng	100
85) Di-n-octyl phthalate	14.598	149	384380	48.107	ng	100
87) Indeno(1,2,3-cd)pyrene	16.951	276	517412	49.036	ng	99
88) Benzo(b)fluoranthene	15.051	252	399018	45.103	ng	99
89) Benzo(k)fluoranthene	15.080	252	387456	44.906	ng	99
90) Benzo(a)pyrene	15.415	252	376265	48.416	ng	100
91) Dibenzo(a,h)anthracene	16.962	278	408310	47.305	ng	100
92) Benzo(g,h,i)perylene	17.392	276	403690	44.106	ng	97

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

