

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050724\
 Data File : BF137845.D
 Acq On : 07 May 2024 14:01
 Operator : CG\JU
 Sample : PB160756BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB160756BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/08/2024
 Supervised By :mohammad ahmed 05/08/2024

Quant Time: May 07 14:22:53 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 01 03:25:08 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.051	152	163828	20.000	ng	0.00
21) Naphthalene-d8	8.339	136	658232	20.000	ng	0.00
39) Acenaphthene-d10	10.104	164	373236	20.000	ng	0.00
64) Phenanthrene-d10	11.598	188	630555	20.000	ng	# 0.00
76) Chrysene-d12	14.251	240	378405	20.000	ng	# 0.00
86) Perylene-d12	15.815	264	311638	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.687	112	1193879	122.012	ng	0.01
7) Phenol-d6	6.675	99	1470749	118.501	ng	0.00
23) Nitrobenzene-d5	7.616	82	947654	83.644	ng	0.00
42) 2,4,6-Tribromophenol	10.898	330	511668	134.267	ng	0.00
45) 2-Fluorobiphenyl	9.416	172	1992599	86.613	ng	0.00
79) Terphenyl-d14	13.186	244	2183909	96.720	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.093	88	147379	33.448	ng	96
3) Pyridine	3.816	79	364113	34.144	ng	97
4) n-Nitrosodimethylamine	3.787	42	192720	40.132	ng	98
6) Aniline	6.716	93	390589m	31.752	ng	
8) 2-Chlorophenol	6.834	128	493896	46.316	ng	99
9) Benzaldehyde	6.610	77	474792	71.037	ng	98
10) Phenol	6.687	94	543306	42.721	ng	97
11) bis(2-Chloroethyl)ether	6.787	93	432638	43.447	ng	98
12) 1,3-Dichlorobenzene	6.992	146	508428	42.281	ng	99
13) 1,4-Dichlorobenzene	7.069	146	520123	43.107	ng	99
14) 1,2-Dichlorobenzene	7.222	146	498454	43.861	ng	99
15) Benzyl Alcohol	7.192	79	403328	46.992	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.316	45	554098	39.588	ng	96
17) 2-Methylphenol	7.292	107	391669	45.520	ng	98
18) Hexachloroethane	7.563	117	181214	44.426	ng	96
19) n-Nitroso-di-n-propyla...	7.463	70	321043	43.284	ng	97
20) 3+4-Methylphenols	7.445	107	494001	43.638	ng	# 89
22) Acetophenone	7.463	105	660554	44.620	ng	98
24) Nitrobenzene	7.634	77	493323	42.248	ng	98
25) Isophorone	7.869	82	914729	44.780	ng	100
26) 2-Nitrophenol	7.951	139	265440	50.198	ng	95
27) 2,4-Dimethylphenol	7.975	122	367338	48.254	ng	96
28) bis(2-Chloroethoxy)met...	8.075	93	545030	44.067	ng	99
29) 2,4-Dichlorophenol	8.186	162	429341	46.660	ng	99
30) 1,2,4-Trichlorobenzene	8.275	180	444028	44.266	ng	99
31) Naphthalene	8.363	128	1440938	44.050	ng	100
32) Benzoic acid	8.098	122	322872	49.163	ng	93
33) 4-Chloroaniline	8.398	127	201810	16.637	ng	99
34) Hexachlorobutadiene	8.469	225	274549	44.581	ng	99
35) Caprolactam	8.781	113	133679m	45.853	ng	
36) 4-Chloro-3-methylphenol	8.880	107	449647	46.860	ng	95
37) 2-Methylnaphthalene	9.051	142	956234	45.160	ng	100
38) 1-Methylnaphthalene	9.151	142	882195	42.349	ng	98
40) 1,2,4,5-Tetrachloroben...	9.216	216	453507	45.877	ng	99
41) Hexachlorocyclopentadiene	9.204	237	528254	131.564	ng	100
43) 2,4,6-Trichlorophenol	9.328	196	318554	47.340	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.369	196	334934	45.078	ng	98
46) 1,1'-Biphenyl	9.516	154	1178285	46.001	ng	99
47) 2-Chloronaphthalene	9.545	162	906244	43.823	ng	98
48) 2-Nitroaniline	9.639	65	260906	46.519	ng	96
49) Acenaphthylene	9.963	152	1457547	48.723	ng	100
50) Dimethylphthalate	9.816	163	1111223	47.162	ng	100
51) 2,6-Dinitrotoluene	9.880	165	244926	45.486	ng	94
52) Acenaphthene	10.139	154	980789	49.463	ng	99
53) 3-Nitroaniline	10.051	138	171718	30.453	ng	96
54) 2,4-Dinitrophenol	10.157	184	269387	101.817	ng	# 85
55) Dibenzofuran	10.310	168	1302035	45.122	ng	98
56) 4-Nitrophenol	10.204	139	398897	85.353	ng	90
57) 2,4-Dinitrotoluene	10.286	165	332675	47.291	ng	98
58) Fluorene	10.651	166	1018657	44.357	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.422	232	278345	46.143	ng	96
60) Diethylphthalate	10.516	149	1054929	47.141	ng	99
61) 4-Chlorophenyl-phenyle...	10.639	204	507061	44.811	ng	94
62) 4-Nitroaniline	10.674	138	236586	41.365	ng	92
63) Azobenzene	10.804	77	961684	44.464	ng	96
65) 4,6-Dinitro-2-methylph...	10.692	198	187801	51.891	ng	98
66) n-Nitrosodiphenylamine	10.763	169	890993	47.205	ng	99
67) 4-Bromophenyl-phenylether	11.133	248	323094	47.878	ng	95
68) Hexachlorobenzene	11.204	284	348270	47.226	ng	# 91
69) Atrazine	11.286	200	303980	52.819	ng	99
70) Pentachlorophenol	11.392	266	427272	84.391	ng	99
71) Phenanthrene	11.621	178	1418618	46.158	ng	99
72) Anthracene	11.674	178	1451631	47.470	ng	99
73) Carbazole	11.827	167	1280621	43.452	ng	99
74) Di-n-butylphthalate	12.145	149	1574828	48.985	ng	100
75) Fluoranthene	12.816	202	1457867	43.394	ng	99
77) Benzidine	12.927	184	164520	18.799	ng	99
78) Pyrene	13.051	202	1457026	48.563	ng	100
80) Butylbenzylphthalate	13.651	149	562157	59.054	ng	99
81) Benzo(a)anthracene	14.239	228	1140460	47.122	ng	99
82) 3,3'-Dichlorobenzidine	14.192	252	255838	35.310	ng	98
83) Chrysene	14.274	228	1068646	47.157	ng	99
84) Bis(2-ethylhexyl)phtha...	14.204	149	739948	61.677	ng	100
85) Di-n-octyl phthalate	14.833	149	1022347	63.319	ng	97
87) Indeno(1,2,3-cd)pyrene	17.462	276	928820	52.424	ng	98
88) Benzo(b)fluoranthene	15.345	252	926759	47.798	ng	100
89) Benzo(k)fluoranthene	15.380	252	853532	45.545	ng	98
90) Benzo(a)pyrene	15.751	252	796061	50.325	ng	99
91) Dibenzo(a,h)anthracene	17.480	278	759598	52.671	ng	99
92) Benzo(g,h,i)perylene	17.962	276	714067	47.232	ng	98

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

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