

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092624\
 Data File : BF139551.D
 Acq On : 26 Sep 2024 16:56
 Operator : RC/JU
 Sample : PB163677BSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB163677BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/27/2024
 Supervised By :mohammad ahmed 09/28/2024

Quant Time: Sep 26 17:23:51 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 14 02:58:23 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	72760	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	272741	20.000	ng	# 0.00
39) Acenaphthene-d10	9.916	164	145233	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	254802	20.000	ng	# 0.00
76) Chrysene-d12	14.039	240	129364	20.000	ng	# 0.00
86) Perylene-d12	15.510	264	149417	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	444661	99.697	ng	0.01
7) Phenol-d6	6.510	99	570620	97.472	ng	0.00
23) Nitrobenzene-d5	7.445	82	548114	94.477	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	141745	91.674	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	972090	93.875	ng	0.00
79) Terphenyl-d14	12.980	244	821007	104.171	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.734	88	81447	45.516	ng	95
3) Pyridine	3.475	79	216440	54.861	ng	96
4) n-Nitrosodimethylamine	3.440	42	159828	46.739	ng	# 81
6) Aniline	6.540	93	283068	64.072	ng	# 84
8) 2-Chlorophenol	6.663	128	249232	54.285	ng	99
9) Benzaldehyde	6.428	77	41003	12.123	ng	98
10) Phenol	6.528	94	322178	54.035	ng	99
11) bis(2-Chloroethyl)ether	6.616	93	238151	52.552	ng	99
12) 1,3-Dichlorobenzene	6.822	146	261284	50.041	ng	98
13) 1,4-Dichlorobenzene	6.898	146	268981	50.978	ng	99
14) 1,2-Dichlorobenzene	7.045	146	259443	52.037	ng	97
15) Benzyl Alcohol	7.022	79	236416	50.618	ng	94
16) 2,2'-oxybis(1-Chloropr...	7.151	45	442434	63.349	ng	95
17) 2-Methylphenol	7.134	107	195659	53.639	ng	98
18) Hexachloroethane	7.387	117	101781	50.644	ng	96
19) n-Nitroso-di-n-propyla...	7.292	70	185496	53.470	ng	97
20) 3+4-Methylphenols	7.287	107	249229	50.080	ng	# 88
22) Acetophenone	7.287	105	344526	48.319	ng	98
24) Nitrobenzene	7.463	77	288330	48.288	ng	97
25) Isophorone	7.698	82	497710	54.245	ng	99
26) 2-Nitrophenol	7.775	139	132576	56.990	ng	90
27) 2,4-Dimethylphenol	7.816	122	197543	64.376	ng	96
28) bis(2-Chloroethoxy)met...	7.910	93	287436	54.967	ng	99
29) 2,4-Dichlorophenol	8.022	162	202214	51.873	ng	99
30) 1,2,4-Trichlorobenzene	8.098	180	222475	48.980	ng	98
31) Naphthalene	8.181	128	738223	51.846	ng	99
32) Benzoic acid	7.939	122	139531	48.589	ng	90
33) 4-Chloroaniline	8.228	127	111447	25.585	ng	97
34) Hexachlorobutadiene	8.298	225	145127	47.029	ng	99
35) Caprolactam	8.598	113	65887m	54.944	ng	
36) 4-Chloro-3-methylphenol	8.716	107	222646	49.974	ng	96
37) 2-Methylnaphthalene	8.875	142	473163	52.354	ng	98
38) 1-Methylnaphthalene	8.975	142	436985	49.249	ng	100
40) 1,2,4,5-Tetrachloroben...	9.039	216	222215	51.627	ng	98
41) Hexachlorocyclopentadiene	9.022	237	271270	180.502	ng	100
43) 2,4,6-Trichlorophenol	9.151	196	149612	53.427	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092624\
 Data File : BF139551.D
 Acq On : 26 Sep 2024 16:56
 Operator : RC/JU
 Sample : PB163677BSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB163677BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/27/2024
 Supervised By :mohammad ahmed 09/28/2024

Quant Time: Sep 26 17:23:51 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 14 02:58:23 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	157725	53.396	ng	98
46) 1,1'-Biphenyl	9.339	154	578675	51.791	ng	99
47) 2-Chloronaphthalene	9.363	162	435329	52.109	ng	99
48) 2-Nitroaniline	9.457	65	160986	51.809	ng	99
49) Acenaphthylene	9.781	152	711570	56.584	ng	100
50) Dimethylphthalate	9.639	163	506674	53.154	ng	99
51) 2,6-Dinitrotoluene	9.704	165	111190	52.654	ng	88
52) Acenaphthene	9.951	154	503826	57.404	ng	100
53) 3-Nitroaniline	9.869	138	76423	36.213	ng	93
54) 2,4-Dinitrophenol	9.980	184	130283	110.721	ng	# 84
55) Dibenzofuran	10.122	168	639671	52.290	ng	95
56) 4-Nitrophenol	10.033	139	159088	91.103	ng	# 83
57) 2,4-Dinitrotoluene	10.104	165	149772	52.534	ng	96
58) Fluorene	10.463	166	500872	50.182	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	129469	52.985	ng	95
60) Diethylphthalate	10.333	149	508572	51.700	ng	99
61) 4-Chlorophenyl-phenyle...	10.457	204	244606	50.426	ng	94
62) 4-Nitroaniline	10.486	138	109227	47.423	ng	# 86
63) Azobenzene	10.616	77	513577	53.082	ng	94
65) 4,6-Dinitro-2-methylph...	10.516	198	81095	60.302	ng	87
66) n-Nitrosodiphenylamine	10.575	169	428271	57.490	ng	99
67) 4-Bromophenyl-phenylether	10.945	248	143411	56.796	ng	97
68) Hexachlorobenzene	11.010	284	156858	52.931	ng	99
69) Atrazine	11.104	200	130365	73.507	ng	99
70) Pentachlorophenol	11.210	266	171897	96.670	ng	98
71) Phenanthrene	11.427	178	675610	54.958	ng	100
72) Anthracene	11.480	178	693397	57.690	ng	100
73) Carbazole	11.633	167	588022	51.116	ng	99
74) Di-n-butylphthalate	11.957	149	682832	53.285	ng	99
75) Fluoranthene	12.616	202	625574	47.652	ng	99
77) Benzidine	12.733	184	214055	115.493	ng	98
78) Pyrene	12.845	202	626209	56.376	ng	100
80) Butylbenzylphthalate	13.457	149	213997	56.601	ng	98
81) Benzo(a)anthracene	14.027	228	479553	55.963	ng	100
82) 3,3'-Dichlorobenzidine	13.992	252	117933	46.996	ng	99
83) Chrysene	14.063	228	457887	58.081	ng	99
84) Bis(2-ethylhexyl)phtha...	14.016	149	265524	55.206	ng	98
85) Di-n-octyl phthalate	14.627	149	446308	63.009	ng	98
87) Indeno(1,2,3-cd)pyrene	16.992	276	512497	57.683	ng	# 96
88) Benzo(b)fluoranthene	15.080	252	505200	54.823	ng	98
89) Benzo(k)fluoranthene	15.110	252	401450	47.249	ng	# 98
90) Benzo(a)pyrene	15.451	252	448278	58.656	ng	99
91) Dibenzo(a,h)anthracene	17.009	278	420404	57.262	ng	# 97
92) Benzo(g,h,i)perylene	17.445	276	383067	52.697	ng	97

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

