

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092222\
 Data File : BF130375.D
 Acq On : 22 Sep 2022 13:51
 Operator : CG\JU
 Sample : PB147825BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB147825BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 09/23/2022
 Supervised By : Jagrut Upadhyay 09/23/2022

Quant Time: Sep 22 16:42:17 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 19 15:06:14 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.657	152	150999	20.000	ng	0.00
21) Naphthalene-d8	7.940	136	603819	20.000	ng	0.00
39) Acenaphthene-d10	9.692	164	308359	20.000	ng	0.00
64) Phenanthrene-d10	11.169	188	507727	20.000	ng	0.00
76) Chrysene-d12	13.804	240	299686	20.000	ng	0.00
86) Perylene-d12	15.192	264	248964	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.275	112	1181421	135.705	ng	0.02
7) Phenol-d6	6.310	99	1432183	131.478	ng	0.01
23) Nitrobenzene-d5	7.228	82	914338	77.361	ng	0.00
42) 2,4,6-Tribromophenol	10.481	330	423343	143.279	ng	0.00
45) 2-Fluorobiphenyl	9.022	172	1660657	78.423	ng	0.00
79) Terphenyl-d14	12.757	244	1688281	93.318	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.369	88	126690	31.686	ng	96
3) Pyridine	3.052	79	323549	31.021	ng	94
4) n-Nitrosodimethylamine	3.016	42	205085	36.153	ng	94
6) Aniline	6.322	93	489309	36.457	ng	# 33
8) 2-Chlorophenol	6.440	128	443213	44.692	ng	95
9) Benzaldehyde	6.204	77	246085	33.726	ng	95
10) Phenol	6.322	94	524798	41.111	ng	# 75
11) bis(2-Chloroethyl)ether	6.398	93	404081	43.886	ng	94
12) 1,3-Dichlorobenzene	6.598	146	471754	43.232	ng	96
13) 1,4-Dichlorobenzene	6.675	146	476311	42.804	ng	98
14) 1,2-Dichlorobenzene	6.822	146	451614	43.445	ng	99
15) Benzyl Alcohol	6.810	79	286921	33.222	ng	96
16) 2,2'-oxybis(1-Chloropr...	6.940	45	501318	37.330	ng	88
17) 2-Methylphenol	6.928	107	357556	44.353	ng	97
18) Hexachloroethane	7.163	117	184680	42.104	ng	99
19) n-Nitroso-di-n-propyla...	7.087	70	289911	39.442	ng	90
20) 3+4-Methylphenols	7.081	107	427228	40.795	ng	# 73
22) Acetophenone	7.075	105	613606	41.565	ng	93
24) Nitrobenzene	7.245	77	451712	37.640	ng	96
25) Isophorone	7.487	82	779860	40.939	ng	98
26) 2-Nitrophenol	7.557	139	233039	47.369	ng	94
27) 2,4-Dimethylphenol	7.604	122	337882	44.605	ng	97
28) bis(2-Chloroethoxy)met...	7.698	93	476293	44.403	ng	100
29) 2,4-Dichlorophenol	7.804	162	346578	41.752	ng	97
30) 1,2,4-Trichlorobenzene	7.881	180	366121	40.795	ng	96
31) Naphthalene	7.963	128	1233488	39.652	ng	99
32) Benzoic acid	7.751	122	222526	37.987	ng	96
33) 4-Chloroaniline	8.016	127	322804	27.284	ng	97
34) Hexachlorobutadiene	8.075	225	235641	41.084	ng	98
35) Caprolactam	8.398	113	104285m	43.823	ng	
36) 4-Chloro-3-methylphenol	8.510	107	371916	40.422	ng	100
37) 2-Methylnaphthalene	8.651	142	784794	39.568	ng	99
38) 1-Methylnaphthalene	8.751	142	739745	38.824	ng	99
40) 1,2,4,5-Tetrachloroben...	8.816	216	361736	42.986	ng	99
41) Hexachlorocyclopentadiene	8.804	237	472581	104.891	ng	99
43) 2,4,6-Trichlorophenol	8.934	196	231707	39.452	ng	95

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092222\
 Data File : BF130375.D
 Acq On : 22 Sep 2022 13:51
 Operator : CG\JU
 Sample : PB147825BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB147825BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 09/23/2022
 Supervised By : Jagrut Upadhyay 09/23/2022

Quant Time: Sep 22 16:42:17 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 19 15:06:14 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	8.975	196	260170	41.051	ng	96
46) 1,1'-Biphenyl	9.116	154	943801	40.982	ng	99
47) 2-Chloronaphthalene	9.139	162	738597	39.647	ng	99
48) 2-Nitroaniline	9.245	65	228424	36.762	ng	87
49) Acenaphthylene	9.557	152	1090273	39.033	ng	100
50) Dimethylphthalate	9.428	163	828201	38.882	ng	99
51) 2,6-Dinitrotoluene	9.486	165	186466	41.859	ng	87
52) Acenaphthene	9.728	154	797043m	43.430	ng	
53) 3-Nitroaniline	9.657	138	149084	30.034	ng	85
54) 2,4-Dinitrophenol	9.763	184	200431	82.713	ng	90
55) Dibenzofuran	9.898	168	990339	38.796	ng	98
56) 4-Nitrophenol	9.834	139	296942	82.133	ng	# 84
57) 2,4-Dinitrotoluene	9.886	165	249566	43.836	ng	94
58) Fluorene	10.239	166	790445	37.863	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.016	232	194197	39.148	ng	94
60) Diethylphthalate	10.122	149	810552	37.947	ng	99
61) 4-Chlorophenyl-phenyle...	10.233	204	368313	40.218	ng	97
62) 4-Nitroaniline	10.269	138	194432	38.992	ng	92
63) Azobenzene	10.392	77	761945	34.643	ng	97
65) 4,6-Dinitro-2-methylph...	10.292	198	128498	45.464	ng	98
66) n-Nitrosodiphenylamine	10.357	169	685408	40.397	ng	99
67) 4-Bromophenyl-phenylether	10.722	248	237053	42.323	ng	95
68) Hexachlorobenzene	10.781	284	266738	42.011	ng	95
69) Atrazine	10.886	200	219975	44.365	ng	96
70) Pentachlorophenol	10.980	266	284603	83.522	ng	99
71) Phenanthrene	11.198	178	1104108	38.733	ng	100
72) Anthracene	11.251	178	1126858	40.964	ng	99
73) Carbazole	11.410	167	1021672	41.153	ng	99
74) Di-n-butylphthalate	11.739	149	1190228	39.757	ng	99
75) Fluoranthene	12.380	202	1119557	40.644	ng	99
77) Benzidine	12.510	184	352247	40.490	ng	99
78) Pyrene	12.610	202	1116040	42.570	ng	99
80) Butylbenzylphthalate	13.233	149	428374	44.107	ng	99
81) Benzo(a)anthracene	13.792	228	819812	41.121	ng	99
82) 3,3'-Dichlorobenzidine	13.763	252	219261	40.402	ng	99
83) Chrysene	13.827	228	762014	40.255	ng	98
84) Bis(2-ethylhexyl)phtha...	13.792	149	481367	43.270	ng	97
85) Di-n-octyl phthalate	14.404	149	665415	39.107	ng	96
87) Indeno(1,2,3-cd)pyrene	16.521	276	748854	42.416	ng	99
88) Benzo(b)fluoranthene	14.804	252	710501	43.724	ng	99
89) Benzo(k)fluoranthene	14.833	252	671136	41.986	ng	98
90) Benzo(a)pyrene	15.133	252	597824	46.438	ng	98
91) Dibenzo(a,h)anthracene	16.539	278	641566	44.297	ng	98
92) Benzo(g,h,i)perylene	16.921	276	645383	44.235	ng	98

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

