

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091522\
 Data File : BF130265.D
 Acq On : 15 Sep 2022 11:37
 Operator : CG\JU
 Sample : PB147583BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB147583BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 09/16/2022
 Supervised By : Jagrut Upadhyay 09/16/2022

Quant Time: Sep 16 03:23:10 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 14 14:55:51 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.675	152	106361	20.000	ng	0.00
21) Naphthalene-d8	7.963	136	427374	20.000	ng	# 0.00
39) Acenaphthene-d10	9.710	164	226573	20.000	ng	0.00
64) Phenanthrene-d10	11.192	188	399473	20.000	ng	0.00
76) Chrysene-d12	13.822	240	228070	20.000	ng	# 0.00
86) Perylene-d12	15.210	264	177866	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.287	112	829013	135.190	ng	0.01
7) Phenol-d6	6.316	99	1019167	132.828	ng	0.00
23) Nitrobenzene-d5	7.245	82	665850	79.596	ng	0.00
42) 2,4,6-Tribromophenol	10.504	330	345350	159.074	ng	0.00
45) 2-Fluorobiphenyl	9.039	172	1273375	81.840	ng	0.00
79) Terphenyl-d14	12.775	244	1370716	99.556	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.393	88	95738	33.994	ng	98
3) Pyridine	3.081	79	244566	33.290	ng	97
4) n-Nitrosodimethylamine	3.034	42	161683	40.464	ng	98
6) Aniline	6.340	93	403148	42.644	ng	99
8) 2-Chlorophenol	6.463	128	316043	45.243	ng	94
9) Benzaldehyde	6.228	77	207127	40.300	ng	95
10) Phenol	6.328	94	391350	43.523	ng	94
11) bis(2-Chloroethyl)ether	6.422	93	289817	44.686	ng	94
12) 1,3-Dichlorobenzene	6.616	146	336146	43.733	ng	100
13) 1,4-Dichlorobenzene	6.693	146	343446	43.817	ng	99
14) 1,2-Dichlorobenzene	6.846	146	322825	44.089	ng	99
15) Benzyl Alcohol	6.828	79	267404	43.956	ng	98
16) 2,2'-oxybis(1-Chloropr...	6.957	45	397183	41.988	ng	97
17) 2-Methylphenol	6.940	107	251781	44.340	ng	99
18) Hexachloroethane	7.187	117	132862	43.002	ng	98
19) n-Nitroso-di-n-propyla...	7.104	70	226887	43.822	ng	95
20) 3+4-Methylphenols	7.093	107	318464	43.172	ng	# 87
22) Acetophenone	7.093	105	453992	43.450	ng	98
24) Nitrobenzene	7.263	77	345927	40.725	ng	100
25) Isophorone	7.504	82	614311	45.562	ng	100
26) 2-Nitrophenol	7.581	139	160468	46.085	ng	94
27) 2,4-Dimethylphenol	7.622	122	273841	51.076	ng	98
28) bis(2-Chloroethoxy)met...	7.722	93	362873	47.796	ng	100
29) 2,4-Dichlorophenol	7.822	162	261713	44.545	ng	98
30) 1,2,4-Trichlorobenzene	7.904	180	269272	42.391	ng	95
31) Naphthalene	7.981	128	916410	41.621	ng	100
32) Benzoic acid	7.757	122	193361	46.637	ng	100
33) 4-Chloroaniline	8.034	127	306443	36.594	ng	99
34) Hexachlorobutadiene	8.098	225	171296	42.196	ng	97
35) Caprolactam	8.410	113	83642m	49.659	ng	
36) 4-Chloro-3-methylphenol	8.522	107	301540	46.304	ng	98
37) 2-Methylnaphthalene	8.675	142	607788	43.295	ng	100
38) 1-Methylnaphthalene	8.769	142	572419	42.446	ng	98
40) 1,2,4,5-Tetrachloroben...	8.839	216	271981	43.986	ng	99
41) Hexachlorocyclopentadiene	8.828	237	394676	119.220	ng	99
43) 2,4,6-Trichlorophenol	8.951	196	189064	43.812	ng	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	8.987	196	203059	43.605	ng	94
46) 1,1'-Biphenyl	9.139	154	751611	44.418	ng	99
47) 2-Chloronaphthalene	9.163	162	583295	42.612	ng	98
48) 2-Nitroaniline	9.263	65	192956	42.264	ng	89
49) Acenaphthylene	9.575	152	883691	43.057	ng	100
50) Dimethylphthalate	9.445	163	694922	44.402	ng	100
51) 2,6-Dinitrotoluene	9.504	165	154436	47.183	ng	94
52) Acenaphthene	9.745	154	660711m	48.997	ng	
53) 3-Nitroaniline	9.675	138	133257	36.537	ng	90
54) 2,4-Dinitrophenol	9.781	184	172041	95.573	ng	# 87
55) Dibenzofuran	9.916	168	805416	42.941	ng	98
56) 4-Nitrophenol	9.839	139	251939	94.840	ng	95
57) 2,4-Dinitrotoluene	9.910	165	208250	49.783	ng	# 90
58) Fluorene	10.257	166	671995	43.809	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.034	232	160378	44.001	ng	99
60) Diethylphthalate	10.145	149	705327	44.941	ng	99
61) 4-Chlorophenyl-phenyle...	10.257	204	308485	45.844	ng	96
62) 4-Nitroaniline	10.292	138	162020	44.221	ng	98
63) Azobenzene	10.416	77	678576	41.989	ng	97
65) 4,6-Dinitro-2-methylph...	10.310	198	100902	45.375	ng	97
66) n-Nitrosodiphenylamine	10.375	169	568874	42.615	ng	99
67) 4-Bromophenyl-phenylether	10.745	248	200378	45.470	ng	90
68) Hexachlorobenzene	10.798	284	221493	44.339	ng	# 92
69) Atrazine	10.904	200	195815	50.194	ng	98
70) Pentachlorophenol	10.998	266	260360	97.113	ng	100
71) Phenanthrene	11.216	178	938174	41.830	ng	100
72) Anthracene	11.269	178	952228	43.996	ng	99
73) Carbazole	11.428	167	868610	44.469	ng	99
74) Di-n-butylphthalate	11.763	149	1062748	45.118	ng	99
75) Fluoranthene	12.398	202	932910	43.046	ng	99
77) Benzidine	12.527	184	472520	71.370	ng	99
78) Pyrene	12.627	202	926653	46.445	ng	99
80) Butylbenzylphthalate	13.251	149	355139	48.048	ng	98
81) Benzo(a)anthracene	13.810	228	667035	43.964	ng	99
82) 3,3'-Dichlorobenzidine	13.780	252	181847	44.030	ng	# 98
83) Chrysene	13.845	228	605231	42.012	ng	99
84) Bis(2-ethylhexyl)phtha...	13.810	149	412608	48.736	ng	100
85) Di-n-octyl phthalate	14.421	149	599545	46.300	ng	98
87) Indeno(1,2,3-cd)pyrene	16.545	276	617609	48.965	ng	99
88) Benzo(b)fluoranthene	14.821	252	545780	47.013	ng	98
89) Benzo(k)fluoranthene	14.845	252	501251	43.893	ng	99
90) Benzo(a)pyrene	15.151	252	451266	49.065	ng	98
91) Dibenzo(a,h)anthracene	16.563	278	536664	51.865	ng	99
92) Benzo(g,h,i)perylene	16.945	276	534839	51.312	ng	98

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

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