

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102122\
 Data File : BF130740.D
 Acq On : 21 Oct 2022 12:23
 Operator : CG\JU
 Sample : PB148413BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB148413BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 10/24/2022
 Supervised By : Jagrut Upadhyay 10/24/2022

Quant Time: Oct 21 13:40:50 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 21 06:12:36 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.563	152	100157	20.000	ng	0.00
21) Naphthalene-d8	7.845	136	365543	20.000	ng	0.00
39) Acenaphthene-d10	9.592	164	183900	20.000	ng	0.00
64) Phenanthrene-d10	11.075	188	389408	20.000	ng	0.00
76) Chrysene-d12	13.704	240	201816	20.000	ng	0.00
86) Perylene-d12	15.080	264	192641	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.175	112	667624	114.945	ng	0.01
7) Phenol-d6	6.222	99	808314	115.022	ng	0.00
23) Nitrobenzene-d5	7.140	82	435553	63.208	ng	0.00
42) 2,4,6-Tribromophenol	10.386	330	261606	149.585	ng	0.00
45) 2-Fluorobiphenyl	8.922	172	968936	80.293	ng	0.00
79) Terphenyl-d14	12.657	244	1028550	85.885	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.205	88	69549	20.126	ng	98
3) Pyridine	2.881	79	181246	27.205	ng	99
4) n-Nitrosodimethylamine	2.834	42	99076	33.473	ng	99
6) Aniline	6.234	93	268929	33.216	ng	# 86
8) 2-Chlorophenol	6.351	128	258733	38.498	ng	98
9) Benzaldehyde	6.116	77	134616	32.809	ng	92
10) Phenol	6.234	94	301158	38.871	ng	91
11) bis(2-Chloroethyl)ether	6.310	93	227299	39.499	ng	99
12) 1,3-Dichlorobenzene	6.498	146	269527	36.917	ng	98
13) 1,4-Dichlorobenzene	6.581	146	292582	38.962	ng	100
14) 1,2-Dichlorobenzene	6.728	146	223884	31.556	ng	99
15) Benzyl Alcohol	6.728	79	163033	31.628	ng	97
16) 2,2'-oxybis(1-Chloropr...	6.845	45	232641	31.517	ng	# 68
17) 2-Methylphenol	6.845	107	173569	31.394	ng	96
18) Hexachloroethane	7.063	117	87922	31.350	ng	97
19) n-Nitroso-di-n-propyla...	6.992	70	146840	30.923	ng	97
20) 3+4-Methylphenols	6.998	107	229630	31.688	ng	93
22) Acetophenone	6.987	105	315640	35.397	ng	# 97
24) Nitrobenzene	7.157	77	228746	32.633	ng	99
25) Isophorone	7.398	82	415031	36.556	ng	98
26) 2-Nitrophenol	7.469	139	125436	35.691	ng	95
27) 2,4-Dimethylphenol	7.522	122	196161	41.253	ng	97
28) bis(2-Chloroethoxy)met...	7.610	93	259527	39.462	ng	99
29) 2,4-Dichlorophenol	7.722	162	204963	39.090	ng	99
30) 1,2,4-Trichlorobenzene	7.787	180	206758	37.549	ng	98
31) Naphthalene	7.869	128	718147	38.102	ng	99
32) Benzoic acid	7.698	122	87019	33.665	ng	97
33) 4-Chloroaniline	7.934	127	255616	35.252	ng	99
34) Hexachlorobutadiene	7.981	225	134773	38.498	ng	99
35) Caprolactam	8.316	113	75054m	45.800	ng	
36) 4-Chloro-3-methylphenol	8.434	107	224065	39.539	ng	95
37) 2-Methylnaphthalene	8.557	142	493715	39.980	ng	100
38) 1-Methylnaphthalene	8.657	142	462377	37.765	ng	99
40) 1,2,4,5-Tetrachloroben...	8.722	216	231577	47.456	ng	99
41) Hexachlorocyclopentadiene	8.704	237	96527	98.370	ng	96
43) 2,4,6-Trichlorophenol	8.851	196	141378	46.033	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	8.898	196	150788	45.144	ng	97
46) 1,1'-Biphenyl	9.022	154	623709	48.625	ng	100
47) 2-Chloronaphthalene	9.045	162	507413	47.569	ng	99
48) 2-Nitroaniline	9.157	65	141815	43.315	ng	91
49) Acenaphthylene	9.457	152	643610	40.950	ng	100
50) Dimethylphthalate	9.333	163	596542	48.226	ng	100
51) 2,6-Dinitrotoluene	9.404	165	138080	49.847	ng	98
52) Acenaphthene	9.628	154	387716	39.688	ng	99
53) 3-Nitroaniline	9.575	138	96558	30.591	ng	95
54) 2,4-Dinitrophenol	9.692	184	83950	75.385	ng	97
55) Dibenzofuran	9.798	168	615177	40.911	ng	100
56) 4-Nitrophenol	9.763	139	65678	69.984	ng	97
57) 2,4-Dinitrotoluene	9.810	165	156065	41.825	ng	99
58) Fluorene	10.145	166	525183	41.995	ng	100
59) 2,3,4,6-Tetrachlorophenol	9.928	232	110649	41.669	ng	98
60) Diethylphthalate	10.028	149	531889	41.676	ng	99
61) 4-Chlorophenyl-phenyle...	10.133	204	244992	43.708	ng	92
62) 4-Nitroaniline	10.192	138	119849	40.029	ng	100
63) Azobenzene	10.298	77	478990	42.745	ng	98
65) 4,6-Dinitro-2-methylph...	10.222	198	74335	31.939	ng	98
66) n-Nitrosodiphenylamine	10.263	169	456749	34.025	ng	100
67) 4-Bromophenyl-phenylether	10.622	248	177257	37.843	ng	99
68) Hexachlorobenzene	10.686	284	205869	38.453	ng	99
69) Atrazine	10.792	200	168446	45.311	ng	98
70) Pentachlorophenol	10.892	266	92102	73.511	ng	96
71) Phenanthrene	11.098	178	820032	38.402	ng	100
72) Anthracene	11.151	178	837868	39.319	ng	99
73) Carbazole	11.316	167	682591	34.694	ng	100
74) Di-n-butylphthalate	11.639	149	860327	35.553	ng	99
75) Fluoranthene	12.280	202	701345	32.488	ng	99
77) Benzidine	12.416	184	193650	65.943	ng	98
78) Pyrene	12.510	202	702191	41.451	ng	100
80) Butylbenzylphthalate	13.133	149	279435	41.572	ng	98
81) Benzo(a)anthracene	13.692	228	527417	39.111	ng	98
82) 3,3'-Dichlorobenzidine	13.663	252	158910	40.579	ng	99
83) Chrysene	13.733	228	491654	37.629	ng	99
84) Bis(2-ethylhexyl)phtha...	13.686	149	348855	43.811	ng	100
85) Di-n-octyl phthalate	14.298	149	472988	45.056	ng	99
87) Indeno(1,2,3-cd)pyrene	16.368	276	547463	39.625	ng	99
88) Benzo(b)fluoranthene	14.704	252	507177	39.541	ng	99
89) Benzo(k)fluoranthene	14.727	252	508532	39.462	ng	99
90) Benzo(a)pyrene	15.027	252	430139	41.753	ng	99
91) Dibenzo(a,h)anthracene	16.374	278	484371	42.427	ng	98
92) Benzo(g,h,i)perylene	16.757	276	398910	34.840	ng	99

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

