

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010824\
 Data File : BF136994.D
 Acq On : 08 Jan 2024 13:12
 Operator : CG\JU
 Sample : PB158263BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB158263BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/09/2024
 Supervised By :mohammad ahmed 01/09/2024

Quant Time: Jan 08 13:36:57 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 21 01:54:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	74229	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	294729	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	150099	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	281735	20.000	ng	0.00
76) Chrysene-d12	13.974	240	144492	20.000	ng	# 0.00
86) Perylene-d12	15.457	264	133674	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	543259	114.192	ng	0.01
7) Phenol-d6	6.445	99	669188	108.556	ng	0.00
23) Nitrobenzene-d5	7.351	82	412948	71.696	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	197750	111.865	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	838168	75.105	ng	0.00
79) Terphenyl-d14	12.910	244	873030	84.436	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.622	88	65298	32.942	ng	97
3) Pyridine	3.399	79	157439	32.553	ng	93
4) n-Nitrosodimethylamine	3.357	42	91542	35.444	ng	100
6) Aniline	6.451	93	207144	33.610	ng	# 46
8) 2-Chlorophenol	6.581	128	210254	40.385	ng	92
9) Benzaldehyde	6.340	77	78973	22.523	ng	96
10) Phenol	6.457	94	250001	37.991	ng	96
11) bis(2-Chloroethyl)ether	6.528	93	191045	38.175	ng	96
12) 1,3-Dichlorobenzene	6.728	146	208745	36.755	ng	97
13) 1,4-Dichlorobenzene	6.804	146	215770	37.182	ng	96
14) 1,2-Dichlorobenzene	6.951	146	205522	38.061	ng	99
15) Benzyl Alcohol	6.939	79	161916	38.934	ng	95
16) 2,2'-oxybis(1-Chloropr...	7.057	45	302308	36.948	ng	# 47
17) 2-Methylphenol	7.051	107	168727	39.121	ng	95
18) Hexachloroethane	7.287	117	75326	35.742	ng	94
19) n-Nitroso-di-n-propyla...	7.204	70	141939	37.984	ng	96
20) 3+4-Methylphenols	7.204	107	214071	39.729	ng	# 70
22) Acetophenone	7.198	105	288890	39.106	ng	# 90
24) Nitrobenzene	7.369	77	207385	35.944	ng	97
25) Isophorone	7.610	82	390939	37.302	ng	98
26) 2-Nitrophenol	7.686	139	109490	39.664	ng	96
27) 2,4-Dimethylphenol	7.728	122	183362	54.560	ng	99
28) bis(2-Chloroethoxy)met...	7.816	93	242732	38.103	ng	99
29) 2,4-Dichlorophenol	7.934	162	169173	39.100	ng	95
30) 1,2,4-Trichlorobenzene	8.004	180	178504	37.029	ng	99
31) Naphthalene	8.086	128	602255	37.195	ng	100
32) Benzoic acid	7.881	122	116471	35.818	ng	93
33) 4-Chloroaniline	8.139	127	127707	21.362	ng	97
34) Hexachlorobutadiene	8.198	225	104201	35.577	ng	99
35) Caprolactam	8.522	113	57766m	40.471	ng	
36) 4-Chloro-3-methylphenol	8.639	107	186876	38.366	ng	98
37) 2-Methylnaphthalene	8.775	142	389034	37.334	ng	99
38) 1-Methylnaphthalene	8.875	142	366519	35.851	ng	99
40) 1,2,4,5-Tetrachloroben...	8.945	216	185001	39.798	ng	98
41) Hexachlorocyclopentadiene	8.928	237	117745	79.476	ng	97
43) 2,4,6-Trichlorophenol	9.063	196	117245	39.329	ng	98

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44) 2,4,5-Trichlorophenol	9.116	196	126958	38.216	ng	100
46) 1,1'-Biphenyl	9.245	154	496239	39.398	ng	99
47) 2-Chloronaphthalene	9.269	162	365158	38.135	ng	98
48) 2-Nitroaniline	9.375	65	115225	38.427	ng	93
49) Acenaphthylene	9.686	152	584378	39.928	ng	99
50) Dimethylphthalate	9.551	163	438091	39.959	ng	99
51) 2,6-Dinitrotoluene	9.616	165	96754	38.885	ng	# 87
52) Acenaphthene	9.857	154	356921	39.341	ng	97
53) 3-Nitroaniline	9.786	138	77491	29.400	ng	98
54) 2,4-Dinitrophenol	9.904	184	83151	61.217	ng	# 87
55) Dibenzofuran	10.033	168	526943	38.316	ng	97
56) 4-Nitrophenol	9.975	139	105918	59.527	ng	96
57) 2,4-Dinitrotoluene	10.028	165	120274	37.235	ng	93
58) Fluorene	10.375	166	432679	39.651	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.157	232	104254	40.768	ng	97
60) Diethylphthalate	10.251	149	435513	38.285	ng	97
61) 4-Chlorophenyl-phenyle...	10.363	204	211837	39.939	ng	98
62) 4-Nitroaniline	10.410	138	91538	36.025	ng	92
63) Azobenzene	10.528	77	404394	38.062	ng	98
65) 4,6-Dinitro-2-methylph...	10.439	198	64296	39.821	ng	97
66) n-Nitrosodiphenylamine	10.492	169	381866	41.725	ng	99
67) 4-Bromophenyl-phenylether	10.857	248	127540	40.762	ng	97
68) Hexachlorobenzene	10.927	284	138439	39.703	ng	# 94
69) Atrazine	11.027	200	168886	72.148	ng	99
70) Pentachlorophenol	11.127	266	118037	72.626	ng	100
71) Phenanthrene	11.345	178	610434	42.227	ng	100
72) Anthracene	11.392	178	609390	41.625	ng	99
73) Carbazole	11.557	167	555041	40.212	ng	98
74) Di-n-butylphthalate	11.880	149	694570	41.238	ng	99
75) Fluoranthene	12.539	202	605009	39.126	ng	99
77) Benzidine	12.663	184	110953	26.043	ng	98
78) Pyrene	12.769	202	600500	42.335	ng	99
80) Butylbenzylphthalate	13.386	149	236029	45.731	ng	100
81) Benzo(a)anthracene	13.963	228	414631	41.325	ng	98
82) 3,3'-Dichlorobenzidine	13.927	252	107404	37.694	ng	98
83) Chrysene	13.998	228	389654	39.714	ng	97
84) Bis(2-ethylhexyl)phtha...	13.945	149	314481	48.428	ng	97
85) Di-n-octyl phthalate	14.563	149	441741	43.976	ng	98
87) Indeno(1,2,3-cd)pyrene	16.986	276	443860	45.989	ng	100
88) Benzo(b)fluoranthene	15.021	252	375104	42.013	ng	99
89) Benzo(k)fluoranthene	15.051	252	327231	38.788	ng	98
90) Benzo(a)pyrene	15.398	252	319655	42.415	ng	98
91) Dibenzo(a,h)anthracene	16.998	278	371685	46.942	ng	97
92) Benzo(g,h,i)perylene	17.445	276	370372	45.670	ng	99

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

