

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122223\
 Data File : BF136683.D
 Acq On : 22 Dec 2023 13:26
 Operator : CG\JU
 Sample : PB157642BSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB157642BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/25/2023
 Supervised By :mohammad ahmed 12/25/2023

Quant Time: Dec 22 14:03:25 2023
 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	92185	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	381595	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	189480	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	364562	20.000	ng	0.00
76) Chrysene-d12	13.968	240	179528	20.000	ng	# 0.00
86) Perylene-d12	15.439	264	153601	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	694745	117.590	ng	0.01
7) Phenol-d6	6.439	99	861115	112.481	ng	0.00
23) Nitrobenzene-d5	7.351	82	546306	73.258	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	248802	111.493	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	1027384	72.927	ng	0.00
79) Terphenyl-d14	12.910	244	1029057	80.103	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.634	88	72390	29.406	ng	99
3) Pyridine	3.398	79	178772	29.764	ng	93
4) n-Nitrosodimethylamine	3.357	42	131673	41.052	ng	96
6) Aniline	6.451	93	196606	25.686	ng	# 1
8) 2-Chlorophenol	6.575	128	273139	42.245	ng	97
9) Benzaldehyde	6.339	77	69173	15.885	ng	96
10) Phenol	6.451	94	316331	38.707	ng	97
11) bis(2-Chloroethyl)ether	6.528	93	256661	41.297	ng	99
12) 1,3-Dichlorobenzene	6.728	146	271202	38.451	ng	98
13) 1,4-Dichlorobenzene	6.804	146	277317	38.480	ng	98
14) 1,2-Dichlorobenzene	6.951	146	264729	39.476	ng	99
15) Benzyl Alcohol	6.934	79	215697	41.763	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.063	45	417769	41.114	ng	97
17) 2-Methylphenol	7.051	107	217761	40.655	ng	97
18) Hexachloroethane	7.292	117	102022	38.980	ng	96
19) n-Nitroso-di-n-propyla...	7.204	70	186623	40.214	ng	98
20) 3+4-Methylphenols	7.204	107	256701	38.361	ng	# 74
22) Acetophenone	7.198	105	373888	39.091	ng	99
24) Nitrobenzene	7.369	77	283456	37.945	ng	99
25) Isophorone	7.610	82	514089	37.886	ng	100
26) 2-Nitrophenol	7.686	139	145855	40.809	ng	96
27) 2,4-Dimethylphenol	7.728	122	222026	51.026	ng	96
28) bis(2-Chloroethoxy)met...	7.816	93	315867	38.296	ng	100
29) 2,4-Dichlorophenol	7.928	162	217152	38.764	ng	97
30) 1,2,4-Trichlorobenzene	8.004	180	237288	38.018	ng	99
31) Naphthalene	8.086	128	792007	37.780	ng	100
32) Benzoic acid	7.875	122	170476	40.492	ng	100
33) 4-Chloroaniline	8.139	127	175084	22.620	ng	97
34) Hexachlorobutadiene	8.198	225	137573	36.279	ng	99
35) Caprolactam	8.522	113	73121m	39.567	ng	
36) 4-Chloro-3-methylphenol	8.633	107	241592	38.309	ng	99
37) 2-Methylnaphthalene	8.775	142	494623	36.661	ng	100
38) 1-Methylnaphthalene	8.875	142	478444	36.146	ng	99
40) 1,2,4,5-Tetrachloroben...	8.945	216	234442	39.952	ng	98
41) Hexachlorocyclopentadiene	8.928	237	176944	93.679	ng	100
43) 2,4,6-Trichlorophenol	9.057	196	154325	41.008	ng	98

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44) 2,4,5-Trichlorophenol	9.110	196	169319	40.375	ng	94
46) 1,1'-Biphenyl	9.245	154	625813	39.359	ng	100
47) 2-Chloronaphthalene	9.269	162	467317	38.661	ng	99
48) 2-Nitroaniline	9.369	65	154098	40.710	ng	97
49) Acenaphthylene	9.686	152	757526	41.001	ng	99
50) Dimethylphthalate	9.551	163	558217	40.333	ng	99
51) 2,6-Dinitrotoluene	9.616	165	122439	38.981	ng	95
52) Acenaphthene	9.857	154	441195	38.523	ng	99
53) 3-Nitroaniline	9.786	138	106756	32.085	ng	92
54) 2,4-Dinitrophenol	9.898	184	138345	79.496	ng	90
55) Dibenzofuran	10.027	168	675554	38.912	ng	99
56) 4-Nitrophenol	9.963	139	177418	78.988	ng	100
57) 2,4-Dinitrotoluene	10.022	165	157257	38.566	ng	98
58) Fluorene	10.375	166	535135	38.848	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.151	232	142373	44.103	ng	99
60) Diethylphthalate	10.251	149	566958	39.482	ng	99
61) 4-Chlorophenyl-phenyle...	10.363	204	254319	37.983	ng	100
62) 4-Nitroaniline	10.404	138	114359m	35.652	ng	
63) Azobenzene	10.527	77	526054	39.222	ng	99
65) 4,6-Dinitro-2-methylph...	10.433	198	88448	42.334	ng	92
66) n-Nitrosodiphenylamine	10.486	169	484411	40.904	ng	99
67) 4-Bromophenyl-phenylether	10.857	248	158383	39.119	ng	99
68) Hexachlorobenzene	10.922	284	176232	39.059	ng	98
69) Atrazine	11.022	200	119715	39.523	ng	99
70) Pentachlorophenol	11.122	266	149464	71.069	ng	97
71) Phenanthrene	11.339	178	746595	39.912	ng	99
72) Anthracene	11.392	178	757959	40.010	ng	99
73) Carbazole	11.551	167	690924	38.684	ng	99
74) Di-n-butylphthalate	11.880	149	868538	39.851	ng	99
75) Fluoranthene	12.533	202	746421	37.304	ng	99
77) Benzidine	12.657	184	31430	5.937	ng	98
78) Pyrene	12.763	202	746785	42.374	ng	100
80) Butylbenzylphthalate	13.386	149	283121	44.150	ng	100
81) Benzo(a)anthracene	13.957	228	508003	40.750	ng	99
82) 3,3'-Dichlorobenzidine	13.921	252	145040	40.968	ng	99
83) Chrysene	13.992	228	494079	40.529	ng	98
84) Bis(2-ethylhexyl)phtha...	13.945	149	351347	43.546	ng	99
85) Di-n-octyl phthalate	14.562	149	556335	44.576	ng	99
87) Indeno(1,2,3-cd)pyrene	16.945	276	570054	51.402	ng	99
88) Benzo(b)fluoranthene	15.009	252	451013	43.962	ng	99
89) Benzo(k)fluoranthene	15.039	252	441519	45.546	ng	99
90) Benzo(a)pyrene	15.380	252	398474	46.014	ng	99
91) Dibenzo(a,h)anthracene	16.968	278	484262	53.225	ng	98
92) Benzo(g,h,i)perylene	17.403	276	479703	51.477	ng	99

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

