

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120123\
 Data File : BF136338.D
 Acq On : 01 Dec 2023 15:20
 Operator : CG\JU
 Sample : PB157140BSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB157140BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/04/2023
 Supervised By :mohammad ahmed 12/05/2023

Quant Time: Dec 01 15:49:30 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 28 03:04:20 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	124036	20.000	ng	0.00
21) Naphthalene-d8	8.087	136	519884	20.000	ng	0.00
39) Acenaphthene-d10	9.845	164	266923	20.000	ng	0.00
64) Phenanthrene-d10	11.333	188	459907	20.000	ng	0.00
76) Chrysene-d12	13.986	240	203530	20.000	ng	0.00
86) Perylene-d12	15.468	264	240674	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	751597	84.339	ng	0.02
7) Phenol-d6	6.446	99	917284	82.321	ng	0.00
23) Nitrobenzene-d5	7.375	82	834324	84.804	ng	0.00
42) 2,4,6-Tribromophenol	10.639	330	280011	85.805	ng	0.00
45) 2-Fluorobiphenyl	9.169	172	1738324	83.184	ng	0.00
79) Terphenyl-d14	12.927	244	1520521	86.174	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.693	88	119993	35.586	ng	97
3) Pyridine	3.440	79	305272	36.675	ng	95
4) n-Nitrosodimethylamine	3.416	42	162646	38.656	ng	92
6) Aniline	6.475	93	399084	37.893	ng	96
8) 2-Chlorophenol	6.593	128	426742	43.979	ng	95
9) Benzaldehyde	6.363	77	155090	24.972	ng	93
10) Phenol	6.463	94	515376	43.112	ng	99
11) bis(2-Chloroethyl)ether	6.551	93	378267	43.133	ng	93
12) 1,3-Dichlorobenzene	6.751	146	442013	40.140	ng	97
13) 1,4-Dichlorobenzene	6.828	146	450378	40.233	ng	97
14) 1,2-Dichlorobenzene	6.975	146	427392	40.329	ng	96
15) Benzyl Alcohol	6.951	79	323226	41.373	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.081	45	506338	41.567	ng	96
17) 2-Methylphenol	7.063	107	331290	43.428	ng	99
18) Hexachloroethane	7.316	117	158429	40.348	ng	92
19) n-Nitroso-di-n-propyla...	7.222	70	283731	42.575	ng	96
20) 3+4-Methylphenols	7.216	107	416166	41.976	ng	93
22) Acetophenone	7.216	105	577427	42.290	ng	# 96
24) Nitrobenzene	7.393	77	415584	41.684	ng	93
25) Isophorone	7.628	82	772602	43.552	ng	97
26) 2-Nitrophenol	7.704	139	215010	50.615	ng	95
27) 2,4-Dimethylphenol	7.745	122	365602	65.389	ng	94
28) bis(2-Chloroethoxy)met...	7.840	93	476869	44.441	ng	97
29) 2,4-Dichlorophenol	7.945	162	352581	46.752	ng	98
30) 1,2,4-Trichlorobenzene	8.028	180	387673	41.987	ng	98
31) Naphthalene	8.110	128	1254968	42.947	ng	98
32) Benzoic acid	7.875	122	244319	47.947	ng	97
33) 4-Chloroaniline	8.157	127	179661	18.088	ng	97
34) Hexachlorobutadiene	8.222	225	222516	41.193	ng	99
35) Caprolactam	8.540	113	103715m	49.195	ng	
36) 4-Chloro-3-methylphenol	8.645	107	367884	44.978	ng	98
37) 2-Methylnaphthalene	8.798	142	803037	43.809	ng	97
38) 1-Methylnaphthalene	8.898	142	740562	41.415	ng	95
40) 1,2,4,5-Tetrachloroben...	8.963	216	371049	43.679	ng	98
41) Hexachlorocyclopentadiene	8.951	237	493931	151.110	ng	96
43) 2,4,6-Trichlorophenol	9.081	196	247675	44.920	ng	94

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44) 2,4,5-Trichlorophenol	9.122	196	266456	44.283	ng	99
46) 1,1'-Biphenyl	9.269	154	1031785	43.834	ng	98
47) 2-Chloronaphthalene	9.292	162	774144	42.350	ng	99
48) 2-Nitroaniline	9.387	65	215849	45.227	ng	92
49) Acenaphthylene	9.704	152	1179148	45.202	ng	99
50) Dimethylphthalate	9.575	163	904060	44.812	ng	99
51) 2,6-Dinitrotoluene	9.634	165	191115	46.370	ng	93
52) Acenaphthene	9.881	154	725718	44.022	ng	97
53) 3-Nitroaniline	9.798	138	118009	28.856	ng	99
54) 2,4-Dinitrophenol	9.910	184	178274	93.003	ng	95
55) Dibenzofuran	10.051	168	1062793	43.325	ng	98
56) 4-Nitrophenol	9.969	139	259047	83.403	ng	90
57) 2,4-Dinitrotoluene	10.039	165	243940	44.309	ng	97
58) Fluorene	10.398	166	823028	42.774	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.169	232	221936	46.357	ng	97
60) Diethylphthalate	10.275	149	862164	42.722	ng	97
61) 4-Chlorophenyl-phenyle...	10.386	204	402851	43.112	ng	93
62) 4-Nitroaniline	10.422	138	164682	41.140	ng	92
63) Azobenzene	10.551	77	784197	41.915	ng	95
65) 4,6-Dinitro-2-methylph...	10.445	198	124872	49.651	ng	95
66) n-Nitrosodiphenylamine	10.510	169	722662	49.033	ng	99
67) 4-Bromophenyl-phenylether	10.881	248	254007	47.340	ng	96
68) Hexachlorobenzene	10.945	284	284764	45.856	ng	98
69) Atrazine	11.045	200	229002	52.378	ng	97
70) Pentachlorophenol	11.139	266	277360	79.015	ng	98
71) Phenanthrene	11.363	178	1192467	46.132	ng	99
72) Anthracene	11.416	178	1222676	47.168	ng	99
73) Carbazole	11.569	167	934411	42.383	ng	99
74) Di-n-butylphthalate	11.904	149	1197349	43.406	ng	99
75) Fluoranthene	12.551	202	1026649	39.124	ng	95
77) Benzidine	12.675	184	163671	48.920	ng	99
78) Pyrene	12.780	202	1014949	45.534	ng	98
80) Butylbenzylphthalate	13.410	149	318998	45.984	ng	99
81) Benzo(a)anthracene	13.974	228	675858	44.707	ng	99
82) 3,3'-Dichlorobenzidine	13.939	252	151620	41.665	ng	96
83) Chrysene	14.016	228	647288	44.345	ng	97
84) Bis(2-ethylhexyl)phtha...	13.974	149	401394	48.212	ng #	98
85) Di-n-octyl phthalate	14.592	149	732117	53.483	ng	99
87) Indeno(1,2,3-cd)pyrene	16.980	276	816041	45.508	ng	99
88) Benzo(b)fluoranthene	15.033	252	739492	43.795	ng	99
89) Benzo(k)fluoranthene	15.069	252	660300	41.173	ng	98
90) Benzo(a)pyrene	15.410	252	621955	45.058	ng	98
91) Dibenzo(a,h)anthracene	17.004	278	669234	46.443	ng	100
92) Benzo(g,h,i)perylene	17.439	276	638854	44.248	ng	99

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

