

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112923\
 Data File : BF136280.D
 Acq On : 29 Nov 2023 13:21
 Operator : CG\JU
 Sample : PB157160BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB157160BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/30/2023
 Supervised By :mohammad ahmed 12/01/2023

Quant Time: Nov 29 13:48:10 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	151871	20.000	ng	0.00
21) Naphthalene-d8	8.086	136	669391	20.000	ng	0.00
39) Acenaphthene-d10	9.845	164	343078	20.000	ng	0.00
64) Phenanthrene-d10	11.333	188	653493	20.000	ng	0.00
76) Chrysene-d12	13.986	240	298292	20.000	ng	# 0.00
86) Perylene-d12	15.468	264	278549	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	1408426	129.078	ng	0.02
7) Phenol-d6	6.451	99	1747137	128.058	ng	0.00
23) Nitrobenzene-d5	7.375	82	1068476	84.348	ng	0.00
42) 2,4,6-Tribromophenol	10.645	330	578867	138.009	ng	0.00
45) 2-Fluorobiphenyl	9.169	172	2223953	82.799	ng	0.00
79) Terphenyl-d14	12.933	244	2395644	92.639	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.687	88	156429	37.889	ng	99
3) Pyridine	3.440	79	353670	34.702	ng	96
4) n-Nitrosodimethylamine	3.410	42	211251	41.006	ng	89
6) Aniline	6.475	93	521106	40.410	ng	96
8) 2-Chlorophenol	6.592	128	547291	46.065	ng	97
9) Benzaldehyde	6.357	77	87080	11.452	ng	96
10) Phenol	6.463	94	651696	44.524	ng	95
11) bis(2-Chloroethyl)ether	6.551	93	484709	45.141	ng	98
12) 1,3-Dichlorobenzene	6.751	146	574582	42.616	ng	99
13) 1,4-Dichlorobenzene	6.828	146	593464	43.298	ng	99
14) 1,2-Dichlorobenzene	6.975	146	554922	42.765	ng	98
15) Benzyl Alcohol	6.957	79	417840	43.681	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.086	45	661836	44.374	ng	98
17) 2-Methylphenol	7.063	107	430791	46.121	ng	99
18) Hexachloroethane	7.316	117	204787	42.595	ng	95
19) n-Nitroso-di-n-propyla...	7.228	70	362995	44.485	ng	97
20) 3+4-Methylphenols	7.216	107	538297	44.344	ng	92
22) Acetophenone	7.222	105	771626	43.891	ng	# 93
24) Nitrobenzene	7.392	77	535594	41.723	ng	97
25) Isophorone	7.628	82	1000145	43.787	ng	99
26) 2-Nitrophenol	7.704	139	268696	49.126	ng	97
27) 2,4-Dimethylphenol	7.745	122	453213	62.954	ng	98
28) bis(2-Chloroethoxy)met...	7.839	93	612204	44.311	ng	99
29) 2,4-Dichlorophenol	7.945	162	450465	46.391	ng	97
30) 1,2,4-Trichlorobenzene	8.028	180	500314	42.084	ng	99
31) Naphthalene	8.110	128	1644222	43.700	ng	99
32) Benzoic acid	7.886	122	327055	49.848	ng	98
33) 4-Chloroaniline	8.157	127	452599	35.389	ng	99
34) Hexachlorobutadiene	8.222	225	279587	40.198	ng	98
35) Caprolactam	8.539	113	134925m	49.705	ng	
36) 4-Chloro-3-methylphenol	8.645	107	474071	45.015	ng	98
37) 2-Methylnaphthalene	8.798	142	1032489	43.746	ng	98
38) 1-Methylnaphthalene	8.898	142	944684	41.030	ng	100
40) 1,2,4,5-Tetrachloroben...	8.969	216	486787	44.584	ng	99
41) Hexachlorocyclopentadiene	8.951	237	554094	131.888	ng	95
43) 2,4,6-Trichlorophenol	9.080	196	325713	45.960	ng	96

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44) 2,4,5-Trichlorophenol	9.128	196	345579	44.684	ng	99
46) 1,1'-Biphenyl	9.269	154	1336842	44.187	ng	100
47) 2-Chloronaphthalene	9.292	162	1012250	43.084	ng	100
48) 2-Nitroaniline	9.392	65	284690	46.410	ng	87
49) Acenaphthylene	9.710	152	1525429	45.496	ng	100
50) Dimethylphthalate	9.575	163	1179006	45.468	ng	100
51) 2,6-Dinitrotoluene	9.633	165	242450	45.768	ng	99
52) Acenaphthene	9.880	154	929190m	43.853	ng	
53) 3-Nitroaniline	9.804	138	207138	39.408	ng	97
54) 2,4-Dinitrophenol	9.916	184	268120	108.826	ng	# 88
55) Dibenzofuran	10.051	168	1407935	44.655	ng	99
56) 4-Nitrophenol	9.975	139	361974	90.672	ng	86
57) 2,4-Dinitrotoluene	10.039	165	331000	46.777	ng	92
58) Fluorene	10.398	166	1067012	43.144	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.169	232	292514	47.537	ng	99
60) Diethylphthalate	10.275	149	1168563	45.051	ng	100
61) 4-Chlorophenyl-phenyle...	10.392	204	517256	43.067	ng	98
62) 4-Nitroaniline	10.427	138	233260	45.337	ng	98
63) Azobenzene	10.551	77	1065506	44.309	ng	98
65) 4,6-Dinitro-2-methylph...	10.451	198	180938	50.632	ng	88
66) n-Nitrosodiphenylamine	10.510	169	967045	46.177	ng	98
67) 4-Bromophenyl-phenylether	10.880	248	334049	43.815	ng	99
68) Hexachlorobenzene	10.945	284	384632	43.590	ng	98
69) Atrazine	11.039	200	194566	31.319	ng	99
70) Pentachlorophenol	11.139	266	405032	81.206	ng	95
71) Phenanthrene	11.363	178	1675939	45.630	ng	99
72) Anthracene	11.416	178	1684894	45.744	ng	99
73) Carbazole	11.569	167	1400763	44.715	ng	99
74) Di-n-butylphthalate	11.904	149	1809688	46.170	ng	99
75) Fluoranthene	12.557	202	1584726	42.501	ng	99
77) Benzidine	12.680	184	208619	42.546	ng	99
78) Pyrene	12.786	202	1560510	47.769	ng	99
80) Butylbenzylphthalate	13.410	149	503982	49.570	ng	99
81) Benzo(a)anthracene	13.980	228	1006750	45.439	ng	99
82) 3,3'-Dichlorobenzidine	13.945	252	310244	58.171	ng	97
83) Chrysene	14.015	228	962590	44.996	ng	100
84) Bis(2-ethylhexyl)phtha...	13.974	149	571624	46.847	ng	99
85) Di-n-octyl phthalate	14.592	149	955467	48.191	ng	99
87) Indeno(1,2,3-cd)pyrene	16.980	276	991184	47.627	ng	100
88) Benzo(b)fluoranthene	15.039	252	923779	47.270	ng	98
89) Benzo(k)fluoranthene	15.068	252	888639	47.877	ng	100
90) Benzo(a)pyrene	15.409	252	774284	48.467	ng	98
91) Dibenzo(a,h)anthracene	17.003	278	807744	48.317	ng	99
92) Benzo(g,h,i)perylene	17.445	276	784260	46.818	ng	98

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

