

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112423\
 Data File : BF136180.D
 Acq On : 24 Nov 2023 15:30
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/25/2023
 Supervised By :mohammad ahmed 11/27/2023

Quant Time: Nov 24 23:00:41 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 24 23:00:16 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.810	152	114341	20.000	ng	0.00
21) Naphthalene-d8	8.087	136	489575	20.000	ng	0.00
39) Acenaphthene-d10	9.845	164	248248	20.000	ng	0.00
64) Phenanthrene-d10	11.339	188	475713	20.000	ng	0.00
76) Chrysene-d12	13.986	240	258364	20.000	ng	# 0.00
86) Perylene-d12	15.469	264	234011	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	693984	96.640	ng	0.00
7) Phenol-d6	6.446	99	850857	96.288	ng	0.00
23) Nitrobenzene-d5	7.375	82	802183	91.435	ng	0.00
42) 2,4,6-Tribromophenol	10.639	330	248019	95.392	ng	0.00
45) 2-Fluorobiphenyl	9.169	172	1711626	101.919	ng	0.00
79) Terphenyl-d14	12.933	244	1951132	107.197	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.558	88	128786	44.785	ng	# 90
3) Pyridine	3.322	79	358285	46.370	ng	92
4) n-Nitrosodimethylamine	3.281	42	183298	51.719	ng	83
6) Aniline	6.475	93	543613	48.538	ng	98
8) 2-Chlorophenol	6.599	128	366614	47.424	ng	96
9) Benzaldehyde	6.363	77	248561	48.654	ng	94
10) Phenol	6.457	94	475562	49.279	ng	97
11) bis(2-Chloroethyl)ether	6.552	93	343418	48.419	ng	95
12) 1,3-Dichlorobenzene	6.752	146	397914	48.797	ng	94
13) 1,4-Dichlorobenzene	6.828	146	402518	49.228	ng	93
14) 1,2-Dichlorobenzene	6.981	146	381589	49.650	ng	96
15) Benzyl Alcohol	6.951	79	335056	50.697	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.087	45	495374	53.462	ng	95
17) 2-Methylphenol	7.063	107	316327	49.043	ng	95
18) Hexachloroethane	7.322	117	140118	46.957	ng	93
19) n-Nitroso-di-n-propyla...	7.222	70	273196	53.558	ng	# 89
20) 3+4-Methylphenols	7.216	107	408629	50.765	ng	93
22) Acetophenone	7.222	105	556625	49.244	ng	97
24) Nitrobenzene	7.393	77	388209	45.468	ng	95
25) Isophorone	7.628	82	729934	48.211	ng	94
26) 2-Nitrophenol	7.704	139	135328	32.702	ng	94
27) 2,4-Dimethylphenol	7.740	122	298301	42.915	ng	89
28) bis(2-Chloroethoxy)met...	7.840	93	428611	46.941	ng	92
29) 2,4-Dichlorophenol	7.946	162	298548	44.050	ng	95
30) 1,2,4-Trichlorobenzene	8.028	180	345820	45.826	ng	95
31) Naphthalene	8.110	128	1160688	48.128	ng	96
32) Benzoic acid	7.857	122	167004m	34.130	ng	
33) 4-Chloroaniline	8.163	127	455091	45.496	ng	96
34) Hexachlorobutadiene	8.228	225	200810	43.774	ng	96
35) Caprolactam	8.534	113	85536	43.588	ng	# 75
36) 4-Chloro-3-methylphenol	8.640	107	333727	46.899	ng	97
37) 2-Methylnaphthalene	8.804	142	759637	46.979	ng	90
38) 1-Methylnaphthalene	8.898	142	696645	46.436	ng	88
40) 1,2,4,5-Tetrachloroben...	8.969	216	344731	46.335	ng	98
41) Hexachlorocyclopentadiene	8.951	237	169800	44.258	ng	95
43) 2,4,6-Trichlorophenol	9.081	196	208522	44.760	ng	95

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44) 2,4,5-Trichlorophenol	9.116	196	245490	45.742	ng	94
46) 1,1'-Biphenyl	9.269	154	948769	48.706	ng	94
47) 2-Chloronaphthalene	9.293	162	695637	48.857	ng	94
48) 2-Nitroaniline	9.387	65	198544	45.735	ng	83
49) Acenaphthylene	9.710	152	1095055	49.825	ng	96
50) Dimethylphthalate	9.575	163	837906	49.956	ng	97
51) 2,6-Dinitrotoluene	9.634	165	154625	42.484	ng	91
52) Acenaphthene	9.881	154	667238	45.581	ng	89
53) 3-Nitroaniline	9.804	138	172838	44.539	ng	98
54) 2,4-Dinitrophenol	9.904	184	56146	35.597	ng	96
55) Dibenzofuran	10.051	168	1015492	49.895	ng	97
56) 4-Nitrophenol	9.957	139	121828	47.244	ng	95
57) 2,4-Dinitrotoluene	10.040	165	213295	46.142	ng	95
58) Fluorene	10.398	166	796510	51.564	ng	92
59) 2,3,4,6-Tetrachlorophenol	10.169	232	183988	45.233	ng	93
60) Diethylphthalate	10.275	149	824587	49.004	ng	96
61) 4-Chlorophenyl-phenyle...	10.392	204	379594	48.341	ng	96
62) 4-Nitroaniline	10.416	138	173493	49.056	ng	85
63) Azobenzene	10.551	77	791955	53.791	ng	91
65) 4,6-Dinitro-2-methylph...	10.445	198	88400	33.827	ng	98
66) n-Nitrosodiphenylamine	10.510	169	682620	45.230	ng	93
67) 4-Bromophenyl-phenylether	10.887	248	235476	44.445	ng	90
68) Hexachlorobenzene	10.945	284	248170	44.120	ng	92
69) Atrazine	11.039	200	153702	40.200	ng	91
70) Pentachlorophenol	11.139	266	138544	44.039	ng	96
71) Phenanthrene	11.363	178	1213777	49.826	ng	96
72) Anthracene	11.416	178	1223362	49.198	ng	96
73) Carbazole	11.569	167	1007081	50.542	ng	98
74) Di-n-butylphthalate	11.910	149	1269444	53.854	ng	# 96
75) Fluoranthene	12.557	202	1201983	54.030	ng	96
77) Benzidine	12.681	184	149959	33.520	ng	96
78) Pyrene	12.786	202	1195960	49.502	ng	95
80) Butylbenzylphthalate	13.416	149	398853	51.809	ng	99
81) Benzo(a)anthracene	13.980	228	836746	48.827	ng	98
82) 3,3'-Dichlorobenzidine	13.945	252	238371	43.329	ng	95
83) Chrysene	14.016	228	800237	47.731	ng	96
84) Bis(2-ethylhexyl)phtha...	13.980	149	512820	55.189	ng	95
85) Di-n-octyl phthalate	14.598	149	712219	45.780	ng	99
87) Indeno(1,2,3-cd)pyrene	16.980	276	763768	44.545	ng	98
88) Benzo(b)fluoranthene	15.033	252	648753	50.214	ng	96
89) Benzo(k)fluoranthene	15.063	252	619466	47.613	ng	97
90) Benzo(a)pyrene	15.410	252	608047	47.716	ng	96
91) Dibenzo(a,h)anthracene	17.004	278	616457	43.382	ng	98
92) Benzo(g,h,i)perylene	17.439	276	615699	42.737	ng	97

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

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