

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081423\
 Data File : BF134748.D
 Acq On : 14 Aug 2023 08:45
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/15/2023
 Supervised By :Sohil Jodhani 08/15/2023

Quant Time: Aug 14 12:05:47 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 04 09:29:15 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	229918	20.000	ng	0.00
21) Naphthalene-d8	8.080	136	890886	20.000	ng	# 0.00
39) Acenaphthene-d10	9.839	164	452654	20.000	ng	0.00
64) Phenanthrene-d10	11.327	188	849308	20.000	ng	# 0.00
76) Chrysene-d12	13.980	240	534667	20.000	ng	# 0.00
86) Perylene-d12	15.451	264	462824	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	1064118	70.354	ng	0.00
7) Phenol-d6	6.445	99	1390067	71.895	ng	0.00
23) Nitrobenzene-d5	7.369	82	1203494	84.421	ng	0.00
42) 2,4,6-Tribromophenol	10.633	330	396496	85.926	ng	0.00
45) 2-Fluorobiphenyl	9.163	172	1953795	71.767	ng	0.00
79) Terphenyl-d14	12.921	244	2248305	74.129	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.563	88	247634	35.584	ng	# 92
3) Pyridine	3.322	79	686979	36.430	ng	# 89
4) n-Nitrosodimethylamine	3.298	42	297256	32.991	ng	# 56
6) Aniline	6.475	93	892496	35.193	ng	91
8) 2-Chlorophenol	6.592	128	571390	37.449	ng	95
9) Benzaldehyde	6.357	77	369918	39.655	ng	97
10) Phenol	6.457	94	699666m	36.721	ng	
11) bis(2-Chloroethyl)ether	6.545	93	556189	36.746	ng	96
12) 1,3-Dichlorobenzene	6.745	146	590327	37.395	ng	94
13) 1,4-Dichlorobenzene	6.822	146	591983	37.417	ng	98
14) 1,2-Dichlorobenzene	6.975	146	544131	36.912	ng	96
15) Benzyl Alcohol	6.945	79	479318	35.935	ng	95
16) 2,2'-oxybis(1-Chloropr...	7.081	45	813542	34.308	ng	91
17) 2-Methylphenol	7.057	107	501331	37.183	ng	93
18) Hexachloroethane	7.310	117	213865	38.515	ng	95
19) n-Nitroso-di-n-propyla...	7.228	70	390664	33.747	ng	# 88
20) 3+4-Methylphenols	7.216	107	555717	34.177	ng	# 84
22) Acetophenone	7.216	105	696374	33.859	ng	# 94
24) Nitrobenzene	7.392	77	614233	39.882	ng	90
25) Isophorone	7.628	82	1130621	36.362	ng	99
26) 2-Nitrophenol	7.698	139	308433	47.156	ng	# 91
27) 2,4-Dimethylphenol	7.739	122	494911	35.673	ng	88
28) bis(2-Chloroethoxy)met...	7.839	93	669979	36.020	ng	100
29) 2,4-Dichlorophenol	7.939	162	489314	38.860	ng	98
30) 1,2,4-Trichlorobenzene	8.022	180	507802	37.818	ng	99
31) Naphthalene	8.104	128	1611166	35.984	ng	99
32) Benzoic acid	7.875	122	361627	41.277	ng	92
33) 4-Chloroaniline	8.157	127	724529	36.317	ng	98
34) Hexachlorobutadiene	8.216	225	296081	38.227	ng	96
35) Caprolactam	8.545	113	164637	40.526	ng	91
36) 4-Chloro-3-methylphenol	8.639	107	514436	38.577	ng	94
37) 2-Methylnaphthalene	8.798	142	1070965	36.086	ng	100
38) 1-Methylnaphthalene	8.892	142	1001684	36.296	ng	97
40) 1,2,4,5-Tetrachloroben...	8.963	216	498201	37.849	ng	99
41) Hexachlorocyclopentadiene	8.945	237	194350	30.363	ng	92
43) 2,4,6-Trichlorophenol	9.075	196	338178	39.257	ng	95

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44) 2,4,5-Trichlorophenol	9.116	196	389481	39.559	ng	94
46) 1,1'-Biphenyl	9.263	154	1273083	36.167	ng	99
47) 2-Chloronaphthalene	9.286	162	959843	36.392	ng	99
48) 2-Nitroaniline	9.386	65	338900	41.662	ng	87
49) Acenaphthylene	9.704	152	1503941	36.275	ng	99
50) Dimethylphthalate	9.569	163	1211063	39.255	ng	98
51) 2,6-Dinitrotoluene	9.633	165	269953	42.981	ng	# 76
52) Acenaphthene	9.874	154	1012929m	37.701	ng	
53) 3-Nitroaniline	9.798	138	320562	46.617	ng	93
54) 2,4-Dinitrophenol	9.904	184	123836	56.950	ng	92
55) Dibenzofuran	10.045	168	1374870	35.947	ng	96
56) 4-Nitrophenol	9.963	139	224956	39.998	ng	# 67
57) 2,4-Dinitrotoluene	10.039	165	338261	44.524	ng	87
58) Fluorene	10.392	166	1015149	36.439	ng	95
59) 2,3,4,6-Tetrachlorophenol	10.163	232	318187	40.849	ng	97
60) Diethylphthalate	10.269	149	1102754	37.710	ng	96
61) 4-Chlorophenyl-phenyle...	10.380	204	507499	37.062	ng	96
62) 4-Nitroaniline	10.416	138	304258	45.142	ng	86
63) Azobenzene	10.545	77	1106633	35.222	ng	97
65) 4,6-Dinitro-2-methylph...	10.445	198	188098	53.564	ng	90
66) n-Nitrosodiphenylamine	10.504	169	973524	36.013	ng	99
67) 4-Bromophenyl-phenylether	10.874	248	358025	38.509	ng	93
68) Hexachlorobenzene	10.939	284	373503	38.044	ng	93
69) Atrazine	11.033	200	289430	39.723	ng	97
70) Pentachlorophenol	11.133	266	252784	41.585	ng	96
71) Phenanthrene	11.357	178	1601259	35.495	ng	99
72) Anthracene	11.404	178	1653381	35.881	ng	98
73) Carbazole	11.563	167	1471247	35.759	ng	99
74) Di-n-butylphthalate	11.898	149	1648421	37.713	ng	99
75) Fluoranthene	12.545	202	1712095	35.929	ng	96
77) Benzidine	12.668	184	370940	31.960	ng	99
78) Pyrene	12.774	202	1748116	37.784	ng	97
80) Butylbenzylphthalate	13.398	149	652366	41.700	ng	93
81) Benzo(a)anthracene	13.968	228	1299186	33.982	ng	99
82) 3,3'-Dichlorobenzidine	13.933	252	433963	39.160	ng	# 98
83) Chrysene	14.009	228	1297683	34.840	ng	99
84) Bis(2-ethylhexyl)phtha...	13.962	149	670416	36.415	ng	98
85) Di-n-octyl phthalate	14.580	149	1050674	37.528	ng	100
87) Indeno(1,2,3-cd)pyrene	16.950	276	1170960	43.019	ng	# 92
88) Benzo(b)fluoranthene	15.021	252	1067891	37.832	ng	# 97
89) Benzo(k)fluoranthene	15.051	252	1029729	36.620	ng	# 98
90) Benzo(a)pyrene	15.392	252	1001103	38.038	ng	# 97
91) Dibenzo(a,h)anthracene	16.974	278	950752	43.220	ng	# 97
92) Benzo(g,h,i)perylene	17.409	276	991394	44.181	ng	# 92

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

