

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080723\
 Data File : BF134642.D
 Acq On : 07 Aug 2023 08:41
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/07/2023
 Supervised By :mohammad ahmed 08/08/2023

Quant Time: Aug 07 09:03:24 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	6.798	152	235772	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	901459	20.000	ng	# 0.00
39) Acenaphthene-d10	9.833	164	462316	20.000	ng	0.00
64) Phenanthrene-d10	11.321	188	844491	20.000	ng	# 0.00
76) Chrysene-d12	13.974	240	538333	20.000	ng	# 0.00
86) Perylene-d12	15.439	264	469610	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	1141956	73.626	ng	0.00
7) Phenol-d6	6.439	99	1467841	74.033	ng	0.00
23) Nitrobenzene-d5	7.369	82	1215141	84.238	ng	0.00
42) 2,4,6-Tribromophenol	10.627	330	395357	83.889	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	1977070	71.104	ng	0.00
79) Terphenyl-d14	12.921	244	2234138	73.161	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.563	88	267654	37.506	ng	95
3) Pyridine	3.316	79	741246	38.332	ng	89
4) n-Nitrosodimethylamine	3.287	42	350234	37.906	ng	# 66
6) Aniline	6.469	93	959420	36.893	ng	93
8) 2-Chlorophenol	6.586	128	597450	38.185	ng	97
9) Benzaldehyde	6.357	77	374381	38.840	ng	96
10) Phenol	6.451	94	729365m	37.329	ng	
11) bis(2-Chloroethyl)ether	6.545	93	577810	37.227	ng	93
12) 1,3-Dichlorobenzene	6.739	146	600616	37.102	ng	96
13) 1,4-Dichlorobenzene	6.822	146	609685	37.579	ng	97
14) 1,2-Dichlorobenzene	6.975	146	561305	37.132	ng	95
15) Benzyl Alcohol	6.945	79	512090	37.439	ng	93
16) 2,2'-oxybis(1-Chloropr...	7.081	45	870128	35.783	ng	90
17) 2-Methylphenol	7.057	107	527134	38.126	ng	# 92
18) Hexachloroethane	7.310	117	219763	38.595	ng	96
19) n-Nitroso-di-n-propyla...	7.222	70	411818	34.691	ng	90
20) 3+4-Methylphenols	7.210	107	596476	35.773	ng	# 81
22) Acetophenone	7.216	105	728842	35.022	ng	# 85
24) Nitrobenzene	7.386	77	628321	40.318	ng	95
25) Isophorone	7.622	82	1162828	36.959	ng	99
26) 2-Nitrophenol	7.698	139	280287	42.839	ng	# 88
27) 2,4-Dimethylphenol	7.733	122	518620	36.943	ng	87
28) bis(2-Chloroethoxy)met...	7.833	93	699871	37.186	ng	99
29) 2,4-Dichlorophenol	7.939	162	495525	38.891	ng	98
30) 1,2,4-Trichlorobenzene	8.022	180	515574	37.946	ng	97
31) Naphthalene	8.104	128	1673803	36.945	ng	99
32) Benzoic acid	7.863	122	358937	40.639	ng	90
33) 4-Chloroaniline	8.151	127	753706	37.336	ng	99
34) Hexachlorobutadiene	8.216	225	299494	38.214	ng	97
35) Caprolactam	8.533	113	165567	40.277	ng	93
36) 4-Chloro-3-methylphenol	8.633	107	518822	38.450	ng	92
37) 2-Methylnaphthalene	8.792	142	1100240	36.638	ng	100
38) 1-Methylnaphthalene	8.892	142	1030225	36.893	ng	98
40) 1,2,4,5-Tetrachloroben...	8.957	216	508994	37.861	ng	99
41) Hexachlorocyclopentadiene	8.945	237	221744	33.919	ng	93
43) 2,4,6-Trichlorophenol	9.069	196	344870	39.197	ng	97

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44) 2,4,5-Trichlorophenol	9.110	196	395981	39.378	ng	91
46) 1,1'-Biphenyl	9.257	154	1310476	36.452	ng	98
47) 2-Chloronaphthalene	9.280	162	991028	36.789	ng	99
48) 2-Nitroaniline	9.380	65	336739	40.617	ng	92
49) Acenaphthylene	9.698	152	1559086	36.820	ng	99
50) Dimethylphthalate	9.563	163	1187236	37.678	ng	97
51) 2,6-Dinitrotoluene	9.627	165	259267	40.566	ng	# 80
52) Acenaphthene	9.869	154	1020802m	37.200	ng	
53) 3-Nitroaniline	9.792	138	314072	44.719	ng	95
54) 2,4-Dinitrophenol	9.898	184	100514	48.370	ng	90
55) Dibenzofuran	10.045	168	1421172	36.381	ng	94
56) 4-Nitrophenol	9.951	139	237336	41.318	ng	# 74
57) 2,4-Dinitrotoluene	10.027	165	328790	42.510	ng	94
58) Fluorene	10.386	166	1017221	35.751	ng	95
59) 2,3,4,6-Tetrachlorophenol	10.157	232	313508m	39.407	ng	
60) Diethylphthalate	10.263	149	1107372	37.077	ng	96
61) 4-Chlorophenyl-phenyle...	10.380	204	505867	36.171	ng	93
62) 4-Nitroaniline	10.410	138	310409	45.092	ng	85
63) Azobenzene	10.539	77	1172533	36.539	ng	97
65) 4,6-Dinitro-2-methylph...	10.439	198	155838	46.081	ng	83
66) n-Nitrosodiphenylamine	10.504	169	993313	36.954	ng	99
67) 4-Bromophenyl-phenylether	10.869	248	356285	38.540	ng	97
68) Hexachlorobenzene	10.933	284	377241	38.644	ng	95
69) Atrazine	11.033	200	289463	39.954	ng	98
70) Pentachlorophenol	11.127	266	254845	42.163	ng	96
71) Phenanthrene	11.351	178	1628193	36.298	ng	100
72) Anthracene	11.404	178	1668559	36.417	ng	97
73) Carbazole	11.557	167	1495233	36.550	ng	99
74) Di-n-butylphthalate	11.892	149	1639249	37.717	ng	98
75) Fluoranthene	12.539	202	1732061	36.555	ng	95
77) Benzidine	12.663	184	414906	35.504	ng	98
78) Pyrene	12.768	202	1778327	38.176	ng	96
80) Butylbenzylphthalate	13.398	149	647966	41.136	ng	# 93
81) Benzo(a)anthracene	13.962	228	1339386	34.795	ng	99
82) 3,3'-Dichlorobenzidine	13.927	252	444701	39.856	ng	# 98
83) Chrysene	14.004	228	1360391	36.274	ng	99
84) Bis(2-ethylhexyl)phtha...	13.962	149	636370	34.330	ng	98
85) Di-n-octyl phthalate	14.580	149	1040803	36.923	ng	98
87) Indeno(1,2,3-cd)pyrene	16.927	276	1249411	45.238	ng	# 93
88) Benzo(b)fluoranthene	15.009	252	1143290	39.918	ng	# 97
89) Benzo(k)fluoranthene	15.039	252	998424	34.994	ng	# 97
90) Benzo(a)pyrene	15.380	252	1017863	38.116	ng	# 97
91) Dibenzo(a,h)anthracene	16.951	278	1018140	45.615	ng	# 95
92) Benzo(g,h,i)perylene	17.386	276	1057820	46.460	ng	# 94

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

