

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051724\
 Data File : BF137924.D
 Acq On : 17 May 2024 11:22
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/18/2024
 Supervised By :mohammad ahmed 05/22/2024

Quant Time: May 17 12:09:17 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 15 04:12:16 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.045	152	145479	20.000	ng	0.00
21) Naphthalene-d8	8.328	136	566901	20.000	ng	0.00
39) Acenaphthene-d10	10.086	164	319511	20.000	ng	0.00
64) Phenanthrene-d10	11.580	188	562507	20.000	ng	0.00
76) Chrysene-d12	14.233	240	370834	20.000	ng	0.00
86) Perylene-d12	15.792	264	294946	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.663	112	671988	78.463	ng	0.00
7) Phenol-d6	6.657	99	830908	78.759	ng	0.00
23) Nitrobenzene-d5	7.610	82	758074	78.696	ng	0.00
42) 2,4,6-Tribromophenol	10.881	330	266339	82.672	ng	0.00
45) 2-Fluorobiphenyl	9.404	172	1554610	74.949	ng	0.00
79) Terphenyl-d14	13.169	244	1828178	72.657	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.946	88	148937	40.143	ng	99
3) Pyridine	3.716	79	359781	43.218	ng	97
4) n-Nitrosodimethylamine	3.681	42	147150	40.068	ng	97
6) Aniline	6.704	93	406261	43.053	ng	100
8) 2-Chlorophenol	6.828	128	365608	39.447	ng	99
9) Benzaldehyde	6.598	77	226040	39.602	ng	97
10) Phenol	6.669	94	419668	39.410	ng	98
11) bis(2-Chloroethyl)ether	6.775	93	321435	39.313	ng	99
12) 1,3-Dichlorobenzene	6.987	146	418252	39.003	ng	100
13) 1,4-Dichlorobenzene	7.063	146	427204	39.689	ng	99
14) 1,2-Dichlorobenzene	7.216	146	393694	38.862	ng	98
15) Benzyl Alcohol	7.175	79	294708	41.834	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.310	45	393561	39.158	ng	99
17) 2-Methylphenol	7.281	107	296483	40.112	ng	98
18) Hexachloroethane	7.557	117	143864	39.497	ng	98
19) n-Nitroso-di-n-propyla...	7.451	70	232470	39.221	ng	98
20) 3+4-Methylphenols	7.434	107	385434	39.804	ng	98
22) Acetophenone	7.451	105	487592	38.394	ng	99
24) Nitrobenzene	7.628	77	385587	39.458	ng	100
25) Isophorone	7.857	82	653260	39.074	ng	99
26) 2-Nitrophenol	7.940	139	195647	39.845	ng	100
27) 2,4-Dimethylphenol	7.963	122	250541	39.631	ng	99
28) bis(2-Chloroethoxy)met...	8.063	93	393528	38.838	ng	99
29) 2,4-Dichlorophenol	8.175	162	313561	39.443	ng	99
30) 1,2,4-Trichlorobenzene	8.263	180	345450	38.920	ng	98
31) Naphthalene	8.351	128	1107694	38.861	ng	99
32) Benzoic acid	8.069	122	217727	40.742	ng	97
33) 4-Chloroaniline	8.392	127	394399	42.208	ng	99
34) Hexachlorobutadiene	8.457	225	217424	38.700	ng	99
35) Caprolactam	8.763	113	95141m	41.309	ng	
36) 4-Chloro-3-methylphenol	8.863	107	331938	41.046	ng	98
37) 2-Methylnaphthalene	9.039	142	711066	38.809	ng	98
38) 1-Methylnaphthalene	9.139	142	700218	38.874	ng	100
40) 1,2,4,5-Tetrachloroben...	9.204	216	333136	38.352	ng	100
41) Hexachlorocyclopentadiene	9.187	237	134305	40.691	ng	99
43) 2,4,6-Trichlorophenol	9.310	196	221961	38.972	ng	98

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44) 2,4,5-Trichlorophenol	9.351	196	249992	40.116	ng	97
46) 1,1'-Biphenyl	9.504	154	859228	38.341	ng	100
47) 2-Chloronaphthalene	9.534	162	687948	38.456	ng	98
48) 2-Nitroaniline	9.622	65	185954	40.593	ng	98
49) Acenaphthylene	9.951	152	1001346	38.929	ng	99
50) Dimethylphthalate	9.798	163	788003	39.330	ng	99
51) 2,6-Dinitrotoluene	9.863	165	187504	40.775	ng	98
52) Acenaphthene	10.122	154	674170	39.655	ng	99
53) 3-Nitroaniline	10.039	138	189153	42.076	ng	93
54) 2,4-Dinitrophenol	10.139	184	86734	38.840	ng	# 80
55) Dibenzofuran	10.292	168	959583	38.783	ng	98
56) 4-Nitrophenol	10.181	139	143865	44.556	ng	94
57) 2,4-Dinitrotoluene	10.269	165	250757	42.181	ng	95
58) Fluorene	10.639	166	764328	39.056	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.404	232	198410	40.529	ng	100
60) Diethylphthalate	10.498	149	751112	40.140	ng	99
61) 4-Chlorophenyl-phenyle...	10.628	204	379310	39.302	ng	94
62) 4-Nitroaniline	10.651	138	186098	43.645	ng	99
63) Azobenzene	10.786	77	677552	39.808	ng	98
65) 4,6-Dinitro-2-methylph...	10.675	198	132643	40.839	ng	89
66) n-Nitrosodiphenylamine	10.745	169	651447	37.764	ng	99
67) 4-Bromophenyl-phenylether	11.122	248	235264	38.151	ng	92
68) Hexachlorobenzene	11.186	284	259823	38.116	ng	97
69) Atrazine	11.263	200	186761	39.648	ng	99
70) Pentachlorophenol	11.375	266	174660	43.743	ng	99
71) Phenanthrene	11.610	178	1071505	38.655	ng	100
72) Anthracene	11.657	178	1063778	38.678	ng	99
73) Carbazole	11.810	167	1002754	39.912	ng	99
74) Di-n-butylphthalate	12.127	149	1144028	41.031	ng	99
75) Fluoranthene	12.798	202	1160533	41.247	ng	98
77) Benzidine	12.916	184	282913	58.376	ng	98
78) Pyrene	13.033	202	1189819	36.684	ng	100
80) Butylbenzylphthalate	13.633	149	408163	41.721	ng	96
81) Benzo(a)anthracene	14.221	228	920862	39.250	ng	100
82) 3,3'-Dichlorobenzidine	14.180	252	267924	41.208	ng	99
83) Chrysene	14.257	228	864241	38.517	ng	100
84) Bis(2-ethylhexyl)phtha...	14.186	149	530815	43.163	ng	98
85) Di-n-octyl phthalate	14.816	149	738737	44.465	ng	100
87) Indeno(1,2,3-cd)pyrene	17.415	276	683466	36.068	ng	100
88) Benzo(b)fluoranthene	15.321	252	726647	42.550	ng	99
89) Benzo(k)fluoranthene	15.357	252	661527	39.431	ng	100
90) Benzo(a)pyrene	15.721	252	581736	39.893	ng	98
91) Dibenzo(a,h)anthracene	17.439	278	559763	35.753	ng	99
92) Benzo(g,h,i)perylene	17.915	276	584326	35.528	ng	98

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

