

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030723\
 Data File : BF132671.D
 Acq On : 07 Mar 2023 10:56
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 03/08/2023
 Supervised By : Jagrut Upadhyay 03/08/2023

Quant Time: Mar 08 04:36:35 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 07 13:42:31 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.993	152	207596	20.000	ng	0.00
21) Naphthalene-d8	8.281	136	728658	20.000	ng	0.00
39) Acenaphthene-d10	10.039	164	392428	20.000	ng	0.00
64) Phenanthrene-d10	11.533	188	743906	20.000	ng	0.00
76) Chrysene-d12	14.198	240	414290	20.000	ng	0.00
86) Perylene-d12	15.739	264	410753	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.616	112	1013747	79.254	ng	0.00
7) Phenol-d6	6.622	99	1326384	79.455	ng	0.00
23) Nitrobenzene-d5	7.563	82	1201355	78.223	ng	0.00
42) 2,4,6-Tribromophenol	10.833	330	348492	82.229	ng	0.00
45) 2-Fluorobiphenyl	9.357	172	1883625	73.087	ng	0.00
79) Terphenyl-d14	13.127	244	2073009	84.601	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.840	88	288457	40.769	ng	96
3) Pyridine	3.622	79	788824	42.001	ng	96
4) n-Nitrosodimethylamine	3.593	42	285085	40.186	ng	87
6) Aniline	6.657	93	956126	42.560	ng	98
8) 2-Chlorophenol	6.781	128	532578	40.117	ng	96
9) Benzaldehyde	6.546	77	368824	40.945	ng	97
10) Phenol	6.640	94	773986	40.441	ng	94
11) bis(2-Chloroethyl)ether	6.728	93	592190	40.081	ng	97
12) 1,3-Dichlorobenzene	6.934	146	566792	39.785	ng	99
13) 1,4-Dichlorobenzene	7.010	146	569966	40.067	ng	99
14) 1,2-Dichlorobenzene	7.163	146	508478	37.245	ng	99
15) Benzyl Alcohol	7.134	79	529237	41.165	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.263	45	726409	38.555	ng	99
17) 2-Methylphenol	7.240	107	508428	41.036	ng	97
18) Hexachloroethane	7.504	117	222486	40.033	ng	98
19) n-Nitroso-di-n-propyla...	7.404	70	373130	36.318	ng	97
20) 3+4-Methylphenols	7.398	107	572051	35.738	ng	# 86
22) Acetophenone	7.404	105	699563	38.074	ng	# 88
24) Nitrobenzene	7.581	77	656269	39.955	ng	98
25) Isophorone	7.816	82	1198146	40.691	ng	99
26) 2-Nitrophenol	7.892	139	305263	42.122	ng	99
27) 2,4-Dimethylphenol	7.928	122	462967	40.476	ng	99
28) bis(2-Chloroethoxy)met...	8.022	93	696695	40.447	ng	99
29) 2,4-Dichlorophenol	8.134	162	467637	41.100	ng	98
30) 1,2,4-Trichlorobenzene	8.216	180	497764	40.289	ng	98
31) Naphthalene	8.304	128	1468760	39.374	ng	100
32) Benzoic acid	8.057	122	376153m	42.233	ng	
33) 4-Chloroaniline	8.345	127	681799	42.652	ng	98
34) Hexachlorobutadiene	8.410	225	323524	41.208	ng	100
35) Caprolactam	8.734	113	163151m	43.495	ng	
36) 4-Chloro-3-methylphenol	8.828	107	514143	41.146	ng	96
37) 2-Methylnaphthalene	8.992	142	1010306	39.742	ng	100
38) 1-Methylnaphthalene	9.092	142	945953	39.817	ng	100
40) 1,2,4,5-Tetrachloroben...	9.157	216	525987	40.967	ng	99
41) Hexachlorocyclopentadiene	9.139	237	256499	36.833	ng	99
43) 2,4,6-Trichlorophenol	9.269	196	359345	41.299	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.310	196	417781	41.139	ng	95
46) 1,1'-Biphenyl	9.457	154	1173743	39.517	ng	98
47) 2-Chloronaphthalene	9.486	162	941471	39.979	ng	100
48) 2-Nitroaniline	9.581	65	344409	39.709	ng	97
49) Acenaphthylene	9.904	152	1487098	39.678	ng	99
50) Dimethylphthalate	9.757	163	1180829	41.326	ng	100
51) 2,6-Dinitrotoluene	9.822	165	270296	41.537	ng	98
52) Acenaphthene	10.075	154	946606m	39.775	ng	
53) 3-Nitroaniline	9.998	138	301902	41.474	ng	99
54) 2,4-Dinitrophenol	10.104	184	153382	38.386	ng	93
55) Dibenzofuran	10.245	168	1365289	39.351	ng	97
56) 4-Nitrophenol	10.151	139	217497	40.065	ng	98
57) 2,4-Dinitrotoluene	10.228	165	354183	40.912	ng	96
58) Fluorene	10.592	166	1046748	39.443	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.363	232	315215	41.784	ng	99
60) Diethylphthalate	10.457	149	1121596	40.191	ng	99
61) 4-Chlorophenyl-phenyle...	10.581	204	548072	39.810	ng	96
62) 4-Nitroaniline	10.616	138	299957	41.979	ng	98
63) Azobenzene	10.739	77	1153536	39.030	ng	98
65) 4,6-Dinitro-2-methylph...	10.645	198	215436	42.780	ng	90
66) n-Nitrosodiphenylamine	10.698	169	934961	40.314	ng	99
67) 4-Bromophenyl-phenylether	11.075	248	350702	41.677	ng	94
68) Hexachlorobenzene	11.145	284	371689	41.978	ng	99
69) Atrazine	11.222	200	289377	39.968	ng	99
70) Pentachlorophenol	11.339	266	234347	44.485	ng	98
71) Phenanthrene	11.563	178	1518259	39.396	ng	99
72) Anthracene	11.616	178	1560724	39.328	ng	99
73) Carbazole	11.769	167	1400630	39.145	ng	99
74) Di-n-butylphthalate	12.086	149	1654509	39.420	ng	99
75) Fluoranthene	12.757	202	1632431	38.748	ng	99
77) Benzidine	12.875	184	513562	50.923	ng	100
78) Pyrene	12.992	202	1642868	43.616	ng	99
80) Butylbenzylphthalate	13.598	149	627407	42.210	ng	99
81) Benzo(a)anthracene	14.186	228	1269281	40.947	ng	98
82) 3,3'-Dichlorobenzidine	14.139	252	380723	41.660	ng	99
83) Chrysene	14.221	228	1187533	40.968	ng	99
84) Bis(2-ethylhexyl)phtha...	14.151	149	737131	40.370	ng	100
85) Di-n-octyl phthalate	14.774	149	1140937	42.759	ng	98
87) Indeno(1,2,3-cd)pyrene	17.345	276	1202255	44.670	ng	99
88) Benzo(b)fluoranthene	15.280	252	1144830	41.590	ng	98
89) Benzo(k)fluoranthene	15.316	252	1022291	37.947	ng	99
90) Benzo(a)pyrene	15.674	252	1067610	41.440	ng	99
91) Dibenzo(a,h)anthracene	17.357	278	973196	44.380	ng	98
92) Benzo(g,h,i)perylene	17.833	276	987313	40.114	ng	98

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

