

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020723\
 Data File : BF132341.D
 Acq On : 07 Feb 2023 13:15
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 02/08/2023
 Supervised By : Jagrut Upadhyay 02/08/2023

Quant Time: Feb 08 03:56:30 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 07 04:05:36 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.054	152	223950	20.000	ng	0.00
21) Naphthalene-d8	8.342	136	810376	20.000	ng	# 0.00
39) Acenaphthene-d10	10.107	164	394870	20.000	ng	0.00
64) Phenanthrene-d10	11.601	188	705139	20.000	ng	0.00
76) Chrysene-d12	14.260	240	382164	20.000	ng	0.00
86) Perylene-d12	15.836	264	349155	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.672	112	1015338	72.876	ng	0.00
7) Phenol-d6	6.672	99	1226052	71.379	ng	0.00
23) Nitrobenzene-d5	7.619	82	1057976	72.650	ng	0.00
42) 2,4,6-Tribromophenol	10.901	330	373170	91.898	ng	0.00
45) 2-Fluorobiphenyl	9.419	172	1952225	76.347	ng	0.00
79) Terphenyl-d14	13.195	244	1903305	96.340	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.960	88	248208	37.861	ng	94
3) Pyridine	3.725	79	626743	35.240	ng	95
4) n-Nitrosodimethylamine	3.696	42	186061	32.695	ng	89
6) Aniline	6.719	93	838390m	35.969	ng	
8) 2-Chlorophenol	6.837	128	561106	38.885	ng	96
9) Benzaldehyde	6.607	77	397669	42.165	ng	97
10) Phenol	6.684	94	630086	35.441	ng	99
11) bis(2-Chloroethyl)ether	6.790	93	551953	37.723	ng	92
12) 1,3-Dichlorobenzene	6.995	146	605755	39.691	ng	98
13) 1,4-Dichlorobenzene	7.072	146	605970	39.777	ng	99
14) 1,2-Dichlorobenzene	7.225	146	559044	39.349	ng	100
15) Benzyl Alcohol	7.190	79	451016	35.985	ng	95
16) 2,2'-oxybis(1-Chloropr...	7.325	45	505132	32.767	ng	92
17) 2-Methylphenol	7.295	107	478795	37.905	ng	98
18) Hexachloroethane	7.566	117	231847	40.568	ng	96
19) n-Nitroso-di-n-propyla...	7.466	70	316500	32.439	ng	95
20) 3+4-Methylphenols	7.448	107	594743	36.891	ng	98
22) Acetophenone	7.466	105	695875	36.514	ng	97
24) Nitrobenzene	7.642	77	534137	35.902	ng	90
25) Isophorone	7.878	82	1018885	36.862	ng	95
26) 2-Nitrophenol	7.954	139	309491	42.708	ng	# 90
27) 2,4-Dimethylphenol	7.978	122	503817	39.720	ng	99
28) bis(2-Chloroethoxy)met...	8.078	93	653042	38.447	ng	100
29) 2,4-Dichlorophenol	8.189	162	467883	41.547	ng	98
30) 1,2,4-Trichlorobenzene	8.278	180	510969	42.371	ng	98
31) Naphthalene	8.366	128	1545723	38.750	ng	99
32) Benzoic acid	8.089	122	391084m	41.653	ng	
33) 4-Chloroaniline	8.407	127	681670	38.538	ng	98
34) Hexachlorobutadiene	8.472	225	306959	45.278	ng	99
35) Caprolactam	8.789	113	143593	37.402	ng	86
36) 4-Chloro-3-methylphenol	8.878	107	470509	38.782	ng	98
37) 2-Methylnaphthalene	9.054	142	1079433	39.950	ng	100
38) 1-Methylnaphthalene	9.154	142	998280	39.757	ng	100
40) 1,2,4,5-Tetrachloroben...	9.219	216	486468	43.778	ng	99
41) Hexachlorocyclopentadiene	9.207	237	295001	45.503	ng	99
43) 2,4,6-Trichlorophenol	9.331	196	340764	42.900	ng	97

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44) 2,4,5-Trichlorophenol	9.366	196	392014	42.878	ng	98
46) 1,1'-Biphenyl	9.519	154	1234167	40.541	ng	97
47) 2-Chloronaphthalene	9.548	162	942212	40.637	ng	100
48) 2-Nitroaniline	9.642	65	237286	34.411	ng	# 75
49) Acenaphthylene	9.966	152	1504809	39.766	ng	100
50) Dimethylphthalate	9.819	163	1133831	41.049	ng	99
51) 2,6-Dinitrotoluene	9.883	165	258982	41.982	ng	# 81
52) Acenaphthene	10.142	154	946138	39.936	ng	99
53) 3-Nitroaniline	10.054	138	285564	38.171	ng	98
54) 2,4-Dinitrophenol	10.154	184	135940	40.287	ng	94
55) Dibenzofuran	10.313	168	1309922	39.353	ng	99
56) 4-Nitrophenol	10.195	139	203988	36.235	ng	96
57) 2,4-Dinitrotoluene	10.283	165	334080	41.690	ng	94
58) Fluorene	10.660	166	1006186	39.277	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.425	232	288659	43.309	ng	98
60) Diethylphthalate	10.519	149	1157687	42.131	ng	98
61) 4-Chlorophenyl-phenyle...	10.642	204	513352	42.224	ng	96
62) 4-Nitroaniline	10.672	138	258260	36.000	ng	97
63) Azobenzene	10.807	77	951549	35.551	ng	94
65) 4,6-Dinitro-2-methylph...	10.695	198	183480	45.846	ng	98
66) n-Nitrosodiphenylamine	10.766	169	891535	40.377	ng	100
67) 4-Bromophenyl-phenylether	11.136	248	324663	44.964	ng	95
68) Hexachlorobenzene	11.207	284	347771	45.062	ng	93
69) Atrazine	11.289	200	283767	44.680	ng	99
70) Pentachlorophenol	11.395	266	228895	43.166	ng	99
71) Phenanthrene	11.630	178	1427078	38.729	ng	100
72) Anthracene	11.678	178	1459326	38.916	ng	99
73) Carbazole	11.830	167	1247510	37.102	ng	100
74) Di-n-butylphthalate	12.154	149	1679083	42.240	ng	99
75) Fluoranthene	12.824	202	1410066	37.500	ng	98
77) Benzidine	12.936	184	468807	35.088	ng	99
78) Pyrene	13.060	202	1405039	45.711	ng	100
80) Butylbenzylphthalate	13.666	149	644422	47.453	ng	95
81) Benzo(a)anthracene	14.248	228	1099770	41.145	ng	99
82) 3,3'-Dichlorobenzidine	14.207	252	326530	38.355	ng	99
83) Chrysene	14.289	228	996071	39.797	ng	99
84) Bis(2-ethylhexyl)phtha...	14.219	149	856373	46.653	ng	99
85) Di-n-octyl phthalate	14.854	149	1254696	41.907	ng	# 96
87) Indeno(1,2,3-cd)pyrene	17.471	276	980053	42.244	ng	97
88) Benzo(b)fluoranthene	15.360	252	901203	40.606	ng	99
89) Benzo(k)fluoranthene	15.395	252	881211	41.597	ng	99
90) Benzo(a)pyrene	15.771	252	840119	40.651	ng	98
91) Dibenzo(a,h)anthracene	17.489	278	803213	43.062	ng	99
92) Benzo(g,h,i)perylene	17.971	276	805318	41.791	ng	97

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

