

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042423\
 Data File : BF132988.D
 Acq On : 24 Apr 2023 11:26
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Apr 24 12:22:05 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Apr 22 03:30:56 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 04/25/2023
 Supervised By : Jagrut Upadhyay 04/25/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.751	152	193575	20.000	ng	0.00
21) Naphthalene-d8	8.033	136	758663	20.000	ng	0.00
39) Acenaphthene-d10	9.786	164	378508	20.000	ng	0.00
64) Phenanthrene-d10	11.269	188	662743	20.000	ng	0.00
76) Chrysene-d12	13.910	240	481335	20.000	ng	0.00
86) Perylene-d12	15.327	264	501800	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.351	112	1008629	78.711	ng	0.00
7) Phenol-d6	6.386	99	1255590	78.942	ng	0.00
23) Nitrobenzene-d5	7.316	82	1107011	78.761	ng	0.00
42) 2,4,6-Tribromophenol	10.574	330	301665	79.247	ng	0.00
45) 2-Fluorobiphenyl	9.110	172	1807709	79.900	ng	0.00
79) Terphenyl-d14	12.857	244	1971017	70.623	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.404	88	233324	39.255	ng	99
3) Pyridine	3.110	79	647217	40.998	ng	99
4) n-Nitrosodimethylamine	3.063	42	317850	38.872	ng	99
6) Aniline	6.410	93	825187	40.281	ng	98
8) 2-Chlorophenol	6.534	128	507680	39.020	ng	97
9) Benzaldehyde	6.292	77	324623	46.964	ng	99
10) Phenol	6.398	94	689437	39.292	ng	93
11) bis(2-Chloroethyl)ether	6.486	93	505654	38.403	ng	98
12) 1,3-Dichlorobenzene	6.692	146	537280	38.841	ng	97
13) 1,4-Dichlorobenzene	6.769	146	535724	38.643	ng	96
14) 1,2-Dichlorobenzene	6.922	146	499039	39.045	ng	98
15) Benzyl Alcohol	6.892	79	445634	40.561	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.033	45	859437	37.580	ng	99
17) 2-Methylphenol	7.010	107	466111	39.124	ng	100
18) Hexachloroethane	7.263	117	186474	38.688	ng	95
19) n-Nitroso-di-n-propyla...	7.169	70	352465	35.596	ng	98
20) 3+4-Methylphenols	7.163	107	546725	38.967	ng	96
22) Acetophenone	7.163	105	676877	38.515	ng	99
24) Nitrobenzene	7.333	77	556869	39.099	ng	99
25) Isophorone	7.575	82	1012180	37.929	ng	99
26) 2-Nitrophenol	7.651	139	282147	41.072	ng	95
27) 2,4-Dimethylphenol	7.692	122	460264	39.073	ng	98
28) bis(2-Chloroethoxy)met...	7.786	93	593960	37.623	ng	100
29) 2,4-Dichlorophenol	7.892	162	416936	38.881	ng	99
30) 1,2,4-Trichlorobenzene	7.975	180	434198	39.084	ng	98
31) Naphthalene	8.057	128	1477768	38.960	ng	100
32) Benzoic acid	7.804	122	330394	45.408	ng	97
33) 4-Chloroaniline	8.104	127	630184	41.120	ng	98
34) Hexachlorobutadiene	8.175	225	233224	37.877	ng	99
35) Caprolactam	8.475	113	149006m	41.363	ng	
36) 4-Chloro-3-methylphenol	8.586	107	457477	39.561	ng	99
37) 2-Methylnaphthalene	8.745	142	989640	38.162	ng	98
38) 1-Methylnaphthalene	8.845	142	939324	38.720	ng	100
40) 1,2,4,5-Tetrachloroben...	8.916	216	395521	38.864	ng	99
41) Hexachlorocyclopentadiene	8.904	237	237547	40.023	ng	99
43) 2,4,6-Trichlorophenol	9.022	196	277587	39.441	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.063	196	325944	40.043	ng	99
46) 1,1'-Biphenyl	9.210	154	1170987	39.015	ng	99
47) 2-Chloronaphthalene	9.233	162	852431	38.803	ng	98
48) 2-Nitroaniline	9.327	65	297704	41.004	ng	93
49) Acenaphthylene	9.651	152	1373985	39.143	ng	99
50) Dimethylphthalate	9.516	163	1019790	38.639	ng	99
51) 2,6-Dinitrotoluene	9.569	165	238560	40.160	ng	98
52) Acenaphthene	9.822	154	916953	39.003	ng	99
53) 3-Nitroaniline	9.739	138	289574	40.998	ng	99
54) 2,4-Dinitrophenol	9.839	184	126489	42.362	ng #	91
55) Dibenzofuran	9.992	168	1239337	38.646	ng	98
56) 4-Nitrophenol	9.898	139	222926	40.750	ng	88
57) 2,4-Dinitrotoluene	9.974	165	311360	41.101	ng #	87
58) Fluorene	10.333	166	903642	38.461	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.110	232	249024	39.462	ng	99
60) Diethylphthalate	10.210	149	965639	38.735	ng	99
61) 4-Chlorophenyl-phenyle...	10.327	204	433622	37.872	ng	96
62) 4-Nitroaniline	10.351	138	285399	43.964	ng	97
63) Azobenzene	10.486	77	1015265	38.444	ng	98
65) 4,6-Dinitro-2-methylph...	10.380	198	174510	43.443	ng	82
66) n-Nitrosodiphenylamine	10.445	169	841090	39.125	ng	98
67) 4-Bromophenyl-phenylether	10.816	248	273562	38.059	ng	95
68) Hexachlorobenzene	10.880	284	282367	38.338	ng	93
69) Atrazine	10.974	200	245121	39.571	ng	98
70) Pentachlorophenol	11.074	266	211761	40.370	ng	98
71) Phenanthrene	11.292	178	1376085	38.632	ng	100
72) Anthracene	11.345	178	1417285	38.879	ng	99
73) Carbazole	11.498	167	1282181	39.501	ng	99
74) Di-n-butylphthalate	11.839	149	1454384	39.593	ng	100
75) Fluoranthene	12.480	202	1431649	40.047	ng	97
77) Benzidine	12.598	184	442627	54.379	ng	95
78) Pyrene	12.710	202	1482976	35.941	ng	99
80) Butylbenzylphthalate	13.333	149	602747	41.257	ng	94
81) Benzo(a)anthracene	13.898	228	1279808	38.665	ng	99
82) 3,3'-Dichlorobenzidine	13.862	252	414802	45.364	ng	100
83) Chrysene	13.933	228	1260720	38.098	ng	100
84) Bis(2-ethylhexyl)phtha...	13.898	149	755721	41.211	ng	100
85) Di-n-octyl phthalate	14.509	149	1421993	47.557	ng	99
87) Indeno(1,2,3-cd)pyrene	16.715	276	1120812	39.267	ng	99
88) Benzo(b)fluoranthene	14.927	252	1219577	38.203	ng	100
89) Benzo(k)fluoranthene	14.957	252	1138975	35.991	ng	99
90) Benzo(a)pyrene	15.274	252	1107727	38.122	ng	99
91) Dibenzo(a,h)anthracene	16.739	278	938619	39.427	ng	98
92) Benzo(g,h,i)perylene	17.139	276	924345	39.328	ng	100

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

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