

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121123\
 Data File : BF136486.D
 Acq On : 11 Dec 2023 12:51
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Dec 11 13:24:23 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 06 09:40:27 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/14/2023
 Supervised By :mohammad ahmed 12/14/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	111193	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	447059	20.000	ng	0.00
39) Acenaphthene-d10	9.833	164	231038	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	411285	20.000	ng	0.00
76) Chrysene-d12	13.974	240	204768	20.000	ng	# 0.00
86) Perylene-d12	15.451	264	198534	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	560538	74.449	ng	0.00
7) Phenol-d6	6.439	99	701081	74.632	ng	0.00
23) Nitrobenzene-d5	7.363	82	632776	76.518	ng	0.00
42) 2,4,6-Tribromophenol	10.627	330	209569	73.566	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	1294751	76.467	ng	0.00
79) Terphenyl-d14	12.921	244	1278381	82.286	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.557	88	112609	37.813	ng	97
3) Pyridine	3.316	79	304679	42.247	ng	95
4) n-Nitrosodimethylamine	3.287	42	122496	39.095	ng	99
6) Aniline	6.463	93	446198	47.000	ng	95
8) 2-Chlorophenol	6.587	128	307440	37.403	ng	99
9) Benzaldehyde	6.351	77	191117	40.332	ng	99
10) Phenol	6.457	94	382093	38.225	ng	85
11) bis(2-Chloroethyl)ether	6.540	93	277847	37.291	ng	97
12) 1,3-Dichlorobenzene	6.739	146	327148	35.391	ng	99
13) 1,4-Dichlorobenzene	6.816	146	325576	34.721	ng	99
14) 1,2-Dichlorobenzene	6.969	146	307051	34.822	ng	98
15) Benzyl Alcohol	6.939	79	248019	39.428	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.075	45	337173	35.185	ng	96
17) 2-Methylphenol	7.057	107	261286	39.347	ng	96
18) Hexachloroethane	7.304	117	114111	34.856	ng	98
19) n-Nitroso-di-n-propyla...	7.210	70	202416	37.354	ng	98
20) 3+4-Methylphenols	7.210	107	324801	39.405	ng	96
22) Acetophenone	7.210	105	416265	37.707	ng	# 97
24) Nitrobenzene	7.381	77	307098	36.915	ng	98
25) Isophorone	7.616	82	563162	37.905	ng	99
26) 2-Nitrophenol	7.692	139	162647	39.769	ng	97
27) 2,4-Dimethylphenol	7.734	122	254092	50.385	ng	97
28) bis(2-Chloroethoxy)met...	7.828	93	345156	37.807	ng	99
29) 2,4-Dichlorophenol	7.939	162	255879	38.441	ng	95
30) 1,2,4-Trichlorobenzene	8.016	180	278909	35.934	ng	96
31) Naphthalene	8.098	128	917911	37.232	ng	100
32) Benzoic acid	7.857	122	187715m	37.523	ng	
33) 4-Chloroaniline	8.151	127	384628	43.761	ng	98
34) Hexachlorobutadiene	8.210	225	164265	35.710	ng	99
35) Caprolactam	8.522	113	80928	39.480	ng	96
36) 4-Chloro-3-methylphenol	8.633	107	269990	38.201	ng	100
37) 2-Methylnaphthalene	8.786	142	620385	39.554	ng	93
38) 1-Methylnaphthalene	8.886	142	567417	36.868	ng	98
40) 1,2,4,5-Tetrachloroben...	8.951	216	283287	39.412	ng	99
41) Hexachlorocyclopentadiene	8.939	237	122426	45.974	ng	96
43) 2,4,6-Trichlorophenol	9.069	196	179670	38.389	ng	99

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44) 2,4,5-Trichlorophenol	9.110	196	209417	40.090	ng	95
46) 1,1'-Biphenyl	9.251	154	749951	38.148	ng	98
47) 2-Chloronaphthalene	9.281	162	552793	36.128	ng	98
48) 2-Nitroaniline	9.375	65	164898	40.182	ng	99
49) Acenaphthylene	9.692	152	860793	39.492	ng	99
50) Dimethylphthalate	9.557	163	661781	38.906	ng	98
51) 2,6-Dinitrotoluene	9.622	165	144919	37.870	ng	98
52) Acenaphthene	9.869	154	534155	38.243	ng	96
53) 3-Nitroaniline	9.792	138	159883	40.914	ng	100
54) 2,4-Dinitrophenol	9.898	184	64382	33.276	ng	92
55) Dibenzofuran	10.039	168	786147	38.528	ng	99
56) 4-Nitrophenol	9.957	139	109716	37.453	ng	96
57) 2,4-Dinitrotoluene	10.028	165	186962	36.932	ng	97
58) Fluorene	10.380	166	612816	37.413	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.157	232	159223	38.053	ng	99
60) Diethylphthalate	10.257	149	632483	37.814	ng	98
61) 4-Chlorophenyl-phenyle...	10.375	204	303489	38.008	ng	99
62) 4-Nitroaniline	10.410	138	155310	40.026	ng	99
63) Azobenzene	10.539	77	574733	37.751	ng	99
65) 4,6-Dinitro-2-methylph...	10.433	198	101691	39.924	ng	99
66) n-Nitrosodiphenylamine	10.498	169	542297	41.092	ng	98
67) 4-Bromophenyl-phenylether	10.869	248	190642	39.868	ng	98
68) Hexachlorobenzene	10.933	284	203504	36.822	ng	# 92
69) Atrazine	11.027	200	127482	33.844	ng	98
70) Pentachlorophenol	11.127	266	111261	35.670	ng	98
71) Phenanthrene	11.351	178	904268	40.001	ng	100
72) Anthracene	11.398	178	921292	40.462	ng	98
73) Carbazole	11.557	167	763171	37.870	ng	99
74) Di-n-butylphthalate	11.892	149	897524	36.330	ng	100
75) Fluoranthene	12.539	202	852115	35.970	ng	97
77) Benzidine	12.669	184	141570	33.813	ng	99
78) Pyrene	12.769	202	845241	42.148	ng	98
80) Butylbenzylphthalate	13.398	149	274968	38.517	ng	96
81) Benzo(a)anthracene	13.963	228	560353	39.286	ng	100
82) 3,3'-Dichlorobenzidine	13.933	252	174164	43.550	ng	# 99
83) Chrysene	14.004	228	543681	38.742	ng	99
84) Bis(2-ethylhexyl)phtha...	13.963	149	321581	36.745	ng	99
85) Di-n-octyl phthalate	14.580	149	465645	36.021	ng	99
87) Indeno(1,2,3-cd)pyrene	16.956	276	601994	43.646	ng	100
88) Benzo(b)fluoranthene	15.021	252	461834	34.023	ng	99
89) Benzo(k)fluoranthene	15.051	252	456869	35.714	ng	99
90) Benzo(a)pyrene	15.392	252	450744	40.208	ng	98
91) Dibenzo(a,h)anthracene	16.974	278	495156	43.821	ng	100
92) Benzo(g,h,i)perylene	17.415	276	507588	43.766	ng	100

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

