

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080423\
 Data File : BF134621.D
 Acq On : 04 Aug 2023 08:59
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/07/2023
 Supervised By :mohammad ahmed 08/07/2023

Quant Time: Aug 04 09:29:41 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 04 09:29:15 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	239745	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	928156	20.000	ng	# 0.00
39) Acenaphthene-d10	9.833	164	487088	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	873956	20.000	ng	# 0.00
76) Chrysene-d12	13.974	240	485138	20.000	ng	# 0.00
86) Perylene-d12	15.439	264	448003	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	1112517	70.539	ng	0.00
7) Phenol-d6	6.439	99	1443462	71.597	ng	0.00
23) Nitrobenzene-d5	7.369	82	1217427	81.969	ng	0.00
42) 2,4,6-Tribromophenol	10.627	330	433331	87.270	ng	0.00
45) 2-Fluorobiphenyl	9.163	172	2136981	72.947	ng	0.00
79) Terphenyl-d14	12.921	244	2288858	83.171	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.551	88	256101	35.293	ng	# 94
3) Pyridine	3.304	79	701490	35.675	ng	91
4) n-Nitrosodimethylamine	3.281	42	321099	34.177	ng	# 60
6) Aniline	6.469	93	954098	36.080	ng	92
8) 2-Chlorophenol	6.587	128	593034	37.275	ng	97
9) Benzaldehyde	6.357	77	368051	36.870	ng	97
10) Phenol	6.451	94	715040m	35.990	ng	
11) bis(2-Chloroethyl)ether	6.545	93	586117	37.136	ng	93
12) 1,3-Dichlorobenzene	6.739	146	616910	37.477	ng	96
13) 1,4-Dichlorobenzene	6.816	146	613574	37.192	ng	98
14) 1,2-Dichlorobenzene	6.969	146	563177	36.638	ng	97
15) Benzyl Alcohol	6.945	79	513144	36.894	ng	92
16) 2,2'-oxybis(1-Chloropr...	7.081	45	941699	38.085	ng	89
17) 2-Methylphenol	7.051	107	519385	36.943	ng	92
18) Hexachloroethane	7.310	117	226273	39.079	ng	96
19) n-Nitroso-di-n-propyla...	7.222	70	434223	35.973	ng	91
20) 3+4-Methylphenols	7.210	107	597688	35.251	ng	# 80
22) Acetophenone	7.216	105	738377	34.460	ng	# 85
24) Nitrobenzene	7.386	77	629275	39.218	ng	95
25) Isophorone	7.628	82	1235032	38.125	ng	99
26) 2-Nitrophenol	7.698	139	303143	44.758	ng	# 86
27) 2,4-Dimethylphenol	7.734	122	541303	37.450	ng	87
28) bis(2-Chloroethoxy)met...	7.833	93	745334	38.463	ng	99
29) 2,4-Dichlorophenol	7.939	162	516853	39.398	ng	97
30) 1,2,4-Trichlorobenzene	8.022	180	540420	38.631	ng	98
31) Naphthalene	8.104	128	1716765	36.803	ng	99
32) Benzoic acid	7.863	122	384107	41.928	ng	92
33) 4-Chloroaniline	8.151	127	762021	36.662	ng	99
34) Hexachlorobutadiene	8.216	225	322154	39.923	ng	97
35) Caprolactam	8.533	113	166350m	39.304	ng	
36) 4-Chloro-3-methylphenol	8.633	107	533874	38.427	ng	93
37) 2-Methylnaphthalene	8.792	142	1167736	37.767	ng	99
38) 1-Methylnaphthalene	8.892	142	1080868	37.593	ng	98
40) 1,2,4,5-Tetrachloroben...	8.957	216	538104	37.991	ng	99
41) Hexachlorocyclopentadiene	8.945	237	267551	38.844	ng	92
43) 2,4,6-Trichlorophenol	9.069	196	365780	39.459	ng	97

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44) 2,4,5-Trichlorophenol	9.110	196	417292	39.387	ng	92
46) 1,1'-Biphenyl	9.263	154	1377098	36.357	ng	99
47) 2-Chloronaphthalene	9.286	162	1036257	36.512	ng	95
48) 2-Nitroaniline	9.380	65	339508	39.005	ng	92
49) Acenaphthylene	9.698	152	1617769	36.262	ng	99
50) Dimethylphthalate	9.569	163	1270874	38.281	ng	98
51) 2,6-Dinitrotoluene	9.627	165	270440	40.187	ng	# 81
52) Acenaphthene	9.875	154	1066672m	36.895	ng	
53) 3-Nitroaniline	9.792	138	318087	42.987	ng	94
54) 2,4-Dinitrophenol	9.898	184	113139	50.699	ng	87
55) Dibenzofuran	10.045	168	1497129	36.376	ng	94
56) 4-Nitrophenol	9.951	139	236826	39.132	ng	# 68
57) 2,4-Dinitrotoluene	10.027	165	340664	41.853	ng	# 91
58) Fluorene	10.386	166	1055476	35.209	ng	95
59) 2,3,4,6-Tetrachlorophenol	10.157	232	335661	40.046	ng	96
60) Diethylphthalate	10.269	149	1210689	38.474	ng	95
61) 4-Chlorophenyl-phenyle...	10.380	204	546228	37.070	ng	93
62) 4-Nitroaniline	10.410	138	307733	42.430	ng	84
63) Azobenzene	10.539	77	1240502	36.691	ng	97
65) 4,6-Dinitro-2-methylph...	10.439	198	164629	46.859	ng	84
66) n-Nitrosodiphenylamine	10.504	169	1038978	37.350	ng	99
67) 4-Bromophenyl-phenylether	10.869	248	391765	40.949	ng	97
68) Hexachlorobenzene	10.933	284	401349	39.727	ng	95
69) Atrazine	11.033	200	309353	41.260	ng	99
70) Pentachlorophenol	11.127	266	268957	42.997	ng	97
71) Phenanthrene	11.351	178	1691911	36.447	ng	100
72) Anthracene	11.404	178	1716329	36.197	ng	99
73) Carbazole	11.557	167	1500459	35.441	ng	99
74) Di-n-butylphthalate	11.898	149	1817216	40.402	ng	99
75) Fluoranthene	12.539	202	1706063	34.793	ng	96
77) Benzidine	12.663	184	441416	41.915	ng	97
78) Pyrene	12.768	202	1738831	41.421	ng	97
80) Butylbenzylphthalate	13.398	149	655425	46.172	ng	# 94
81) Benzo(a)anthracene	13.963	228	1212296	34.947	ng	99
82) 3,3'-Dichlorobenzidine	13.927	252	407518	40.528	ng	# 98
83) Chrysene	13.998	228	1224724	36.238	ng	100
84) Bis(2-ethylhexyl)phtha...	13.963	149	689854	41.296	ng	98
85) Di-n-octyl phthalate	14.580	149	1138412	44.814	ng	98
87) Indeno(1,2,3-cd)pyrene	16.927	276	1216025	46.152	ng	# 92
88) Benzo(b)fluoranthene	15.009	252	983764	36.005	ng	# 97
89) Benzo(k)fluoranthene	15.039	252	1007066	36.999	ng	# 98
90) Benzo(a)pyrene	15.380	252	966686	37.945	ng	# 98
91) Dibenzo(a,h)anthracene	16.951	278	1000390	46.981	ng	# 95
92) Benzo(g,h,i)perylene	17.374	276	943138	43.421	ng	# 92

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

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