

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021723\
 Data File : BF132454.D
 Acq On : 17 Feb 2023 17:13
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/18/2023
 Supervised By :mohammad ahmed 02/20/2023

Quant Time: Feb 18 00:59:26 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Feb 18 00:58:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.025	152	258297	20.000	ng	0.00
21) Naphthalene-d8	8.313	136	929377	20.000	ng	0.00
39) Acenaphthene-d10	10.077	164	500815	20.000	ng	0.00
64) Phenanthrene-d10	11.572	188	978107	20.000	ng	0.00
76) Chrysene-d12	14.230	240	598723	20.000	ng	0.00
86) Perylene-d12	15.783	264	525836	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.642	112	1213622	75.288	ng	0.00
7) Phenol-d6	6.648	99	1631586	77.515	ng	0.00
23) Nitrobenzene-d5	7.595	82	1518390	78.502	ng	0.00
42) 2,4,6-Tribromophenol	10.872	330	412882	82.629	ng	0.00
45) 2-Fluorobiphenyl	9.389	172	2282330	70.377	ng	0.00
79) Terphenyl-d14	13.160	244	2689916	81.822	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.901	88	352029	40.369	ng	97
3) Pyridine	3.672	79	951346	40.191	ng	99
4) n-Nitrosodimethylamine	3.643	42	369133	39.497	ng	91
6) Aniline	6.689	93	1182416	40.323	ng	98
8) 2-Chlorophenol	6.813	128	642495	39.042	ng	93
9) Benzaldehyde	6.578	77	406337	36.106	ng	98
10) Phenol	6.660	94	880992	39.495	ng	99
11) bis(2-Chloroethyl)ether	6.760	93	754938	39.900	ng	100
12) 1,3-Dichlorobenzene	6.966	146	692952	38.654	ng	98
13) 1,4-Dichlorobenzene	7.042	146	688668	38.510	ng	99
14) 1,2-Dichlorobenzene	7.195	146	626759	38.254	ng	96
15) Benzyl Alcohol	7.166	79	626731	40.254	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.295	45	1036545	39.400	ng	99
17) 2-Methylphenol	7.272	107	626619	39.999	ng	97
18) Hexachloroethane	7.536	117	270511	40.062	ng	93
19) n-Nitroso-di-n-propyla...	7.436	70	503603	39.027	ng	99
20) 3+4-Methylphenols	7.425	107	743123	38.420	ng	# 87
22) Acetophenone	7.436	105	896932	37.238	ng	99
24) Nitrobenzene	7.613	77	831311	39.201	ng	99
25) Isophorone	7.848	82	1535131	40.391	ng	100
26) 2-Nitrophenol	7.925	139	364079	44.164	ng	97
27) 2,4-Dimethylphenol	7.954	122	595435m	40.005	ng	
28) bis(2-Chloroethoxy)met...	8.054	93	874548	39.375	ng	100
29) 2,4-Dichlorophenol	8.166	162	562050	40.027	ng	98
30) 1,2,4-Trichlorobenzene	8.248	180	608301	38.953	ng	97
31) Naphthalene	8.336	128	1804343	37.410	ng	100
32) Benzoic acid	8.078	122	416748m	40.147	ng	
33) 4-Chloroaniline	8.378	127	732359	36.547	ng	98
34) Hexachlorobutadiene	8.448	225	382572	38.804	ng	99
35) Caprolactam	8.766	113	199186m	43.694	ng	
36) 4-Chloro-3-methylphenol	8.854	107	629237	40.049	ng	98
37) 2-Methylnaphthalene	9.025	142	1247590	38.435	ng	99
38) 1-Methylnaphthalene	9.125	142	1171915	38.429	ng	99
40) 1,2,4,5-Tetrachloroben...	9.189	216	624338	38.473	ng	100
41) Hexachlorocyclopentadiene	9.178	237	352503	39.549	ng	99
43) 2,4,6-Trichlorophenol	9.301	196	440717	41.227	ng	99

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44) 2,4,5-Trichlorophenol	9.342	196	509861	40.949	ng	99
46) 1,1'-Biphenyl	9.489	154	1451209	37.439	ng	99
47) 2-Chloronaphthalene	9.519	162	1153766	37.923	ng	100
48) 2-Nitroaniline	9.613	65	445957	41.777	ng	97
49) Acenaphthylene	9.936	152	1848376	38.238	ng	99
50) Dimethylphthalate	9.789	163	1458805	39.555	ng	100
51) 2,6-Dinitrotoluene	9.854	165	339710	42.355	ng	99
52) Acenaphthene	10.113	154	1173758	39.018	ng	100
53) 3-Nitroaniline	10.030	138	384520	41.756	ng	97
54) 2,4-Dinitrophenol	10.130	184	207505	44.122	ng	95
55) Dibenzofuran	10.283	168	1697082	38.023	ng	99
56) 4-Nitrophenol	10.177	139	292433	43.772	ng	94
57) 2,4-Dinitrotoluene	10.260	165	446298	42.271	ng	97
58) Fluorene	10.630	166	1282020	37.992	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.395	232	391889	41.645	ng	98
60) Diethylphthalate	10.489	149	1443991	39.829	ng	99
61) 4-Chlorophenyl-phenyle...	10.613	204	679314	38.442	ng	99
62) 4-Nitroaniline	10.648	138	338712	39.418	ng	97
63) Azobenzene	10.777	77	1551974	38.689	ng	97
65) 4,6-Dinitro-2-methylph...	10.672	198	272537	44.818	ng	95
66) n-Nitrosodiphenylamine	10.736	169	1181822	39.367	ng	100
67) 4-Bromophenyl-phenylether	11.107	248	432650	40.359	ng	96
68) Hexachlorobenzene	11.177	284	442700	39.506	ng	96
69) Atrazine	11.260	200	363692	39.359	ng	98
70) Pentachlorophenol	11.372	266	317394	45.558	ng	100
71) Phenanthrene	11.595	178	1889225	37.502	ng	99
72) Anthracene	11.648	178	1973139	38.101	ng	98
73) Carbazole	11.801	167	1784170	38.273	ng	99
74) Di-n-butylphthalate	12.119	149	2208611	39.777	ng	99
75) Fluoranthene	12.795	202	2094299	37.278	ng	99
77) Benzidine	12.913	184	290686m	22.801	ng	
78) Pyrene	13.024	202	2163877	42.545	ng	99
80) Butylbenzylphthalate	13.630	149	871775	45.934	ng	99
81) Benzo(a)anthracene	14.218	228	1767681	40.311	ng	99
82) 3,3'-Dichlorobenzidine	14.177	252	462743	39.507	ng	# 99
83) Chrysene	14.260	228	1645394	39.272	ng	98
84) Bis(2-ethylhexyl)phtha...	14.189	149	1039554	42.313	ng	# 97
85) Di-n-octyl phthalate	14.818	149	1598213	44.800	ng	99
87) Indeno(1,2,3-cd)pyrene	17.401	276	1552381	46.184	ng	100
88) Benzo(b)fluoranthene	15.318	252	1428819	41.320	ng	99
89) Benzo(k)fluoranthene	15.354	252	1327193	38.354	ng	100
90) Benzo(a)pyrene	15.718	252	1325525	41.248	ng	99
91) Dibenzo(a,h)anthracene	17.418	278	1265070	45.695	ng	99
92) Benzo(g,h,i)perylene	17.895	276	1319324	46.403	ng	99

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

