

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060822\
 Data File : BF128729.D
 Acq On : 08 Jun 2022 11:47
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 06/09/2022
 Supervised By : Jagrut Upadhyay 06/09/2022

Quant Time: Jun 08 14:29:26 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 08 14:28:39 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.810	152	95429	20.000	ng	0.00
21) Naphthalene-d8	8.098	136	337967	20.000	ng	# 0.00
39) Acenaphthene-d10	9.857	164	217460	20.000	ng	0.00
64) Phenanthrene-d10	11.339	188	363375	20.000	ng	0.00
76) Chrysene-d12	13.986	240	261159	20.000	ng	# 0.00
86) Perylene-d12	15.445	264	190059	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	459197	76.646	ng	0.00
7) Phenol-d6	6.481	99	581983	79.579	ng	0.00
23) Nitrobenzene-d5	7.381	82	589099	81.155	ng	0.00
42) 2,4,6-Tribromophenol	10.651	330	202952	78.988	ng	0.00
45) 2-Fluorobiphenyl	9.175	172	1241767	79.990	ng	0.00
79) Terphenyl-d14	12.933	244	1207423	80.337	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.593	88	87180	39.197	ng	# 95
3) Pyridine	3.328	79	228651	38.699	ng	# 89
4) n-Nitrosodimethylamine	3.293	42	152081	37.117	ng	# 75
6) Aniline	6.481	93	313547	39.754	ng	# 59
8) 2-Chlorophenol	6.610	128	239945	39.140	ng	94
9) Benzaldehyde	6.363	77	173952	39.043	ng	95
10) Phenol	6.493	94	306141	39.601	ng	83
11) bis(2-Chloroethyl)ether	6.552	93	217703	38.431	ng	97
12) 1,3-Dichlorobenzene	6.752	146	277635	39.175	ng	96
13) 1,4-Dichlorobenzene	6.828	146	277193	38.727	ng	98
14) 1,2-Dichlorobenzene	6.987	146	267971	40.022	ng	99
15) Benzyl Alcohol	6.963	79	246133	40.225	ng	91
16) 2,2'-oxybis(1-Chloropr...	7.087	45	345508	37.019	ng	# 19
17) 2-Methylphenol	7.093	107	194613	40.167	ng	# 85
18) Hexachloroethane	7.322	117	103721	38.950	ng	94
19) n-Nitroso-di-n-propyla...	7.234	70	181829	39.988	ng	99
20) 3+4-Methylphenols	7.246	107	264914	40.955	ng	# 80
22) Acetophenone	7.228	105	358563	40.564	ng	97
24) Nitrobenzene	7.404	77	270707	40.621	ng	100
25) Isophorone	7.640	82	436589	39.601	ng	# 96
26) 2-Nitrophenol	7.716	139	122636	41.767	ng	# 89
27) 2,4-Dimethylphenol	7.763	122	182318	40.762	ng	93
28) bis(2-Chloroethoxy)met...	7.851	93	274243	39.350	ng	100
29) 2,4-Dichlorophenol	7.975	162	211625	40.880	ng	97
30) 1,2,4-Trichlorobenzene	8.040	180	228475	39.197	ng	98
31) Naphthalene	8.122	128	694551	40.044	ng	99
32) Benzoic acid	7.910	122	86852m	27.370	ng	
33) 4-Chloroaniline	8.175	127	270368	41.344	ng	97
34) Hexachlorobutadiene	8.234	225	160771	38.892	ng	99
35) Caprolactam	8.557	113	60334	42.148	ng	97
36) 4-Chloro-3-methylphenol	8.675	107	229843	40.683	ng	97
37) 2-Methylnaphthalene	8.810	142	503300	45.621	ng	100
38) 1-Methylnaphthalene	8.910	142	486882	45.679	ng	98
40) 1,2,4,5-Tetrachloroben...	8.975	216	269738	39.940	ng	99
41) Hexachlorocyclopentadiene	8.963	237	145247	35.778	ng	99
43) 2,4,6-Trichlorophenol	9.098	196	174335	38.172	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.151	196	185637	39.331	ng	# 91
46) 1,1'-Biphenyl	9.275	154	651543	39.932	ng	98
47) 2-Chloronaphthalene	9.304	162	500145	40.171	ng	99
48) 2-Nitroaniline	9.404	65	182637	42.898	ng	96
49) Acenaphthylene	9.716	152	774112	40.614	ng	99
50) Dimethylphthalate	9.581	163	604977	40.644	ng	100
51) 2,6-Dinitrotoluene	9.645	165	124587	42.408	ng	# 86
52) Acenaphthene	9.892	154	503052m	40.528	ng	
53) 3-Nitroaniline	9.816	138	140315	44.007	ng	94
54) 2,4-Dinitrophenol	9.922	184	60562	37.011	ng	# 92
55) Dibenzofuran	10.063	168	715800	40.126	ng	94
56) 4-Nitrophenol	10.010	139	84218	36.439	ng	# 64
57) 2,4-Dinitrotoluene	10.045	165	172215	43.925	ng	# 87
58) Fluorene	10.404	166	558955	40.404	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.187	232	149088	38.243	ng	98
60) Diethylphthalate	10.281	149	591172	39.517	ng	99
61) 4-Chlorophenyl-phenyle...	10.398	204	287864	40.118	ng	98
62) 4-Nitroaniline	10.434	138	139069	43.078	ng	# 82
63) Azobenzene	10.557	77	580294	39.402	ng	97
65) 4,6-Dinitro-2-methylph...	10.457	198	102975	48.019	ng	94
66) n-Nitrosodiphenylamine	10.516	169	504149	45.139	ng	98
67) 4-Bromophenyl-phenylether	10.887	248	162611	40.128	ng	97
68) Hexachlorobenzene	10.951	284	182057	40.454	ng	94
69) Atrazine	11.045	200	142665	39.721	ng	96
70) Pentachlorophenol	11.151	266	95096	42.331	ng	99
71) Phenanthrene	11.369	178	727249	39.901	ng	99
72) Anthracene	11.422	178	731516	40.550	ng	99
73) Carbazole	11.581	167	685387	40.905	ng	99
74) Di-n-butylphthalate	11.904	149	795052	38.972	ng	100
75) Fluoranthene	12.557	202	776007	40.732	ng	97
77) Benzidine	12.681	184	191423	36.769	ng	98
78) Pyrene	12.786	202	784517	40.376	ng	99
80) Butylbenzylphthalate	13.404	149	323809	39.684	ng	97
81) Benzo(a)anthracene	13.975	228	670470	41.186	ng	99
82) 3,3'-Dichlorobenzidine	13.939	252	145030	41.643	ng	99
83) Chrysene	14.016	228	641199	41.314	ng	99
84) Bis(2-ethylhexyl)phtha...	13.963	149	420499	39.640	ng	98
85) Di-n-octyl phthalate	14.580	149	639859	40.049	ng	99
87) Indeno(1,2,3-cd)pyrene	16.898	276	418179	36.505	ng	# 91
88) Benzo(b)fluoranthene	15.022	252	490827	40.415	ng	# 97
89) Benzo(k)fluoranthene	15.051	252	496349	43.447	ng	# 97
90) Benzo(a)pyrene	15.386	252	380706	39.885	ng	# 96
91) Dibenzo(a,h)anthracene	16.916	278	348546	36.682	ng	# 94
92) Benzo(g,h,i)perylene	17.339	276	341758	36.290	ng	# 93

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

