

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030322\
 Data File : BF127162.D
 Acq On : 03 Mar 2022 10:17
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By :Christian
 Giraldo
 03/04/2022
 Supervised By :Jagrit
 Upadhyay
 03/04/2022

Quant Time: Mar 03 16:57:02 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 01 23:57:09 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	86004	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	337663	20.000	ng	# 0.00
39) Acenaphthene-d10	9.933	164	175862	20.000	ng	0.00
64) Phenanthrene-d10	11.428	188	319515	20.000	ng	# 0.00
76) Chrysene-d12	14.074	240	204944	20.000	ng	# 0.00
86) Perylene-d12	15.563	264	162639	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	454098	81.606	ng	0.00
7) Phenol-d6	6.528	99	600799	80.016	ng	0.00
23) Nitrobenzene-d5	7.463	82	592573	79.213	ng	0.00
42) 2,4,6-Tribromophenol	10.728	330	180583	89.185	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	933386	78.134	ng	0.00
79) Terphenyl-d14	13.016	244	1115034	79.980	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.663	88	91224	35.826	ng	97
3) Pyridine	3.440	79	265967	39.823	ng	94
4) n-Nitrosodimethylamine	3.404	42	131088	40.068	ng	# 73
6) Aniline	6.557	93	344323	38.704	ng	94
8) 2-Chlorophenol	6.681	128	245731	41.157	ng	94
9) Benzaldehyde	6.445	77	158574	34.695	ng	99
10) Phenol	6.540	94	324713	42.800	ng	82
11) bis(2-Chloroethyl)ether	6.628	93	226007	37.980	ng	98
12) 1,3-Dichlorobenzene	6.834	146	264739	41.105	ng	99
13) 1,4-Dichlorobenzene	6.910	146	270366	41.408	ng	98
14) 1,2-Dichlorobenzene	7.063	146	254961	40.947	ng	98
15) Benzyl Alcohol	7.034	79	233448	36.906	ng	93
16) 2,2'-oxybis(1-Chloropr...	7.163	45	306222	32.680	ng	88
17) 2-Methylphenol	7.145	107	211089	40.865	ng	# 92
18) Hexachloroethane	7.404	117	100540	40.171	ng	# 87
19) n-Nitroso-di-n-propyla...	7.304	70	179699	37.141	ng	98
20) 3+4-Methylphenols	7.298	107	265196	39.536	ng	97
22) Acetophenone	7.304	105	350573	39.433	ng	# 99
24) Nitrobenzene	7.481	77	273657	38.724	ng	97
25) Isophorone	7.716	82	459124	37.090	ng	# 95
26) 2-Nitrophenol	7.792	139	126242	41.957	ng	# 81
27) 2,4-Dimethylphenol	7.828	122	179148	36.243	ng	92
28) bis(2-Chloroethoxy)met...	7.922	93	280890	37.429	ng	100
29) 2,4-Dichlorophenol	8.034	162	190733	41.043	ng	98
30) 1,2,4-Trichlorobenzene	8.116	180	212556	40.911	ng	97
31) Naphthalene	8.198	128	692433	39.283	ng	99
32) Benzoic acid	7.951	122	118057	33.678	ng	87
33) 4-Chloroaniline	8.245	127	277460	39.992	ng	95
34) Hexachlorobutadiene	8.310	225	127422	42.009	ng	97
35) Caprolactam	8.628	113	64297	39.620	ng	# 92
36) 4-Chloro-3-methylphenol	8.728	107	238205	40.107	ng	95
37) 2-Methylnaphthalene	8.886	142	447490	39.125	ng	98
38) 1-Methylnaphthalene	8.986	142	427655	39.046	ng	99
40) 1,2,4,5-Tetrachloroben...	9.057	216	187794	40.566	ng	98
41) Hexachlorocyclopentadiene	9.039	237	80414	32.028	ng	95
43) 2,4,6-Trichlorophenol	9.169	196	133022	39.178	ng	99

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44) 2,4,5-Trichlorophenol	9.210	196	137706	38.542	ng	96
46) 1,1'-Biphenyl	9.357	154	522622	37.509	ng	96
47) 2-Chloronaphthalene	9.381	162	395814	38.308	ng	94
48) 2-Nitroaniline	9.481	65	155815	38.215	ng	96
49) Acenaphthylene	9.798	152	651797	38.835	ng	98
50) Dimethylphthalate	9.657	163	493526	39.261	ng	99
51) 2,6-Dinitrotoluene	9.722	165	104751	40.958	ng	89
52) Acenaphthene	9.969	154	433496m	39.715	ng	
53) 3-Nitroaniline	9.892	138	124137	39.708	ng	99
54) 2,4-Dinitrophenol	9.998	184	58091	42.914	ng	# 90
55) Dibenzofuran	10.145	168	599375	39.934	ng	94
56) 4-Nitrophenol	10.057	139	89343	38.694	ng	# 84
57) 2,4-Dinitrotoluene	10.128	165	142568	41.229	ng	# 97
58) Fluorene	10.486	166	466982	39.943	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.257	232	115909	40.920	ng	93
60) Diethylphthalate	10.351	149	511717	38.959	ng	99
61) 4-Chlorophenyl-phenyle...	10.475	204	225661	40.934	ng	99
62) 4-Nitroaniline	10.510	138	128318	41.566	ng	# 78
63) Azobenzene	10.633	77	536384	36.673	ng	93
65) 4,6-Dinitro-2-methylph...	10.533	198	81387	43.352	ng	86
66) n-Nitrosodiphenylamine	10.598	169	403957	38.556	ng	99
67) 4-Bromophenyl-phenylether	10.969	248	144167	40.384	ng	97
68) Hexachlorobenzene	11.033	284	158345	41.201	ng	90
69) Atrazine	11.122	200	129867	39.965	ng	97
70) Pentachlorophenol	11.227	266	76552	36.489	ng	97
71) Phenanthrene	11.451	178	707305	39.550	ng	99
72) Anthracene	11.504	178	708775	39.811	ng	99
73) Carbazole	11.663	167	662548	40.580	ng	100
74) Di-n-butylphthalate	11.980	149	795117	37.882	ng	100
75) Fluoranthene	12.645	202	696755	41.032	ng	93
77) Benzidine	12.763	184	210554	37.805	ng	98
78) Pyrene	12.874	202	682861	38.352	ng	99
80) Butylbenzylphthalate	13.486	149	320217	37.989	ng	85
81) Benzo(a)anthracene	14.063	228	542557	39.269	ng	100
82) 3,3'-Dichlorobenzidine	14.027	252	178636	41.025	ng	# 95
83) Chrysene	14.104	228	549819	42.318	ng	100
84) Bis(2-ethylhexyl)phtha...	14.039	149	390730	35.307	ng	# 96
85) Di-n-octyl phthalate	14.657	149	598556	37.565	ng	95
87) Indeno(1,2,3-cd)pyrene	17.086	276	410364	38.480	ng	# 84
88) Benzo(b)fluoranthene	15.127	252	438428	40.136	ng	# 92
89) Benzo(k)fluoranthene	15.157	252	435095	41.296	ng	# 94
90) Benzo(a)pyrene	15.504	252	342748	40.171	ng	# 93
91) Dibenzo(a,h)anthracene	17.098	278	330213	37.439	ng	# 92
92) Benzo(g,h,i)perylene	17.545	276	328460	37.774	ng	# 84

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

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