

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061322\
 Data File : BF128776.D
 Acq On : 13 Jun 2022 10:34
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 06/14/2022
 Supervised By : Jagrut Upadhyay 06/14/2022

Quant Time: Jun 13 13:57:00 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	6.804	152	78431	20.000	ng	0.00
21) Naphthalene-d8	8.092	136	279874	20.000	ng	# 0.00
39) Acenaphthene-d10	9.851	164	155114	20.000	ng	0.00
64) Phenanthrene-d10	11.339	188	280244	20.000	ng	# 0.00
76) Chrysene-d12	13.986	240	182092	20.000	ng	# 0.00
86) Perylene-d12	15.451	264	145200	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	379638	77.100	ng	-0.01
7) Phenol-d6	6.469	99	476920	79.347	ng	-0.01
23) Nitrobenzene-d5	7.381	82	476448	79.260	ng	0.00
42) 2,4,6-Tribromophenol	10.645	330	139953	76.362	ng	0.00
45) 2-Fluorobiphenyl	9.175	172	909314	82.118	ng	0.00
79) Terphenyl-d14	12.927	244	918617	87.660	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.563	88	69718	38.139	ng	95
3) Pyridine	3.299	79	187871	38.688	ng	95
4) n-Nitrosodimethylamine	3.263	42	110361	32.772	ng	# 80
6) Aniline	6.475	93	256088	39.505	ng	# 45
8) 2-Chlorophenol	6.604	128	201109	39.915	ng	99
9) Benzaldehyde	6.357	77	121662	33.225	ng	95
10) Phenol	6.481	94	250100	39.364	ng	# 73
11) bis(2-Chloroethyl)ether	6.545	93	180731	38.819	ng	98
12) 1,3-Dichlorobenzene	6.745	146	231259	39.703	ng	97
13) 1,4-Dichlorobenzene	6.828	146	237656	40.399	ng	99
14) 1,2-Dichlorobenzene	6.981	146	221764	40.299	ng	100
15) Benzyl Alcohol	6.957	79	196484	39.070	ng	94
16) 2,2'-oxybis(1-Chloropr...	7.081	45	274400	35.772	ng	# 1
17) 2-Methylphenol	7.081	107	157671	39.595	ng	# 84
18) Hexachloroethane	7.316	117	86887	39.699	ng	94
19) n-Nitroso-di-n-propyla...	7.228	70	146185	39.117	ng	96
20) 3+4-Methylphenols	7.234	107	212838	40.035	ng	# 83
22) Acetophenone	7.222	105	290639	39.705	ng	96
24) Nitrobenzene	7.398	77	218067	39.514	ng	99
25) Isophorone	7.634	82	351100	38.457	ng	96
26) 2-Nitrophenol	7.710	139	102884	42.313	ng	# 90
27) 2,4-Dimethylphenol	7.757	122	151895	41.009	ng	95
28) bis(2-Chloroethoxy)met...	7.845	93	226979	39.328	ng	99
29) 2,4-Dichlorophenol	7.963	162	172944	40.343	ng	99
30) 1,2,4-Trichlorobenzene	8.034	180	196145	40.635	ng	100
31) Naphthalene	8.116	128	574566	40.002	ng	99
32) Benzoic acid	7.910	122	66843m	25.436	ng	
33) 4-Chloroaniline	8.169	127	218073	40.269	ng	99
34) Hexachlorobutadiene	8.228	225	136382	39.840	ng	98
35) Caprolactam	8.551	113	45959	38.770	ng	95
36) 4-Chloro-3-methylphenol	8.669	107	186832	39.934	ng	95
37) 2-Methylnaphthalene	8.804	142	371766	40.693	ng	99
38) 1-Methylnaphthalene	8.904	142	355229	40.245	ng	99
40) 1,2,4,5-Tetrachloroben...	8.975	216	201429	41.813	ng	99
41) Hexachlorocyclopentadiene	8.957	237	100958	34.864	ng	99
43) 2,4,6-Trichlorophenol	9.092	196	122315	37.546	ng	98

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44) 2,4,5-Trichlorophenol	9.145	196	131301	39.001	ng	# 94
46) 1,1'-Biphenyl	9.275	154	469767	40.363	ng	97
47) 2-Chloronaphthalene	9.298	162	365191	41.121	ng	99
48) 2-Nitroaniline	9.398	65	120969	39.834	ng	97
49) Acenaphthylene	9.716	152	544850	40.075	ng	98
50) Dimethylphthalate	9.575	163	428147	40.326	ng	100
51) 2,6-Dinitrotoluene	9.639	165	87495	41.753	ng	# 82
52) Acenaphthene	9.886	154	324658	36.669	ng	100
53) 3-Nitroaniline	9.810	138	94719	41.647	ng	96
54) 2,4-Dinitrophenol	9.928	184	42482	36.397	ng	88
55) Dibenzofuran	10.057	168	509456	40.038	ng	96
56) 4-Nitrophenol	10.010	139	54782	33.230	ng	83
57) 2,4-Dinitrotoluene	10.045	165	119203	42.625	ng	90
58) Fluorene	10.404	166	401040	40.641	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.186	232	97738	35.148	ng	97
60) Diethylphthalate	10.275	149	427777	40.088	ng	100
61) 4-Chlorophenyl-phenyle...	10.392	204	209019	40.838	ng	95
62) 4-Nitroaniline	10.427	138	92014	39.959	ng	# 85
63) Azobenzene	10.551	77	408550	38.891	ng	99
65) 4,6-Dinitro-2-methylph...	10.463	198	68306	41.301	ng	86
66) n-Nitrosodiphenylamine	10.516	169	360838	41.891	ng	99
67) 4-Bromophenyl-phenylether	10.880	248	132316	42.338	ng	94
68) Hexachlorobenzene	10.951	284	148590	42.812	ng	93
69) Atrazine	11.045	200	111291	40.177	ng	98
70) Pentachlorophenol	11.157	266	78366	45.232	ng	99
71) Phenanthrene	11.369	178	566527	40.304	ng	99
72) Anthracene	11.416	178	572009	41.114	ng	98
73) Carbazole	11.574	167	523920	40.544	ng	99
74) Di-n-butylphthalate	11.898	149	642742	40.852	ng	99
75) Fluoranthene	12.557	202	584600	39.787	ng	97
77) Benzidine	12.674	184	163016	44.909	ng	99
78) Pyrene	12.786	202	585072	43.187	ng	98
80) Butylbenzylphthalate	13.404	149	231768	40.738	ng	94
81) Benzo(a)anthracene	13.974	228	465813	41.039	ng	99
82) 3,3'-Dichlorobenzidine	13.939	252	110984	45.704	ng	98
83) Chrysene	14.015	228	442683	40.909	ng	99
84) Bis(2-ethylhexyl)phtha...	13.963	149	292080	39.490	ng	99
85) Di-n-octyl phthalate	14.574	149	419788	37.684	ng	99
87) Indeno(1,2,3-cd)pyrene	16.915	276	378225	43.218	ng	# 91
88) Benzo(b)fluoranthene	15.027	252	352787	38.024	ng	# 97
89) Benzo(k)fluoranthene	15.057	252	352731	40.414	ng	# 96
90) Benzo(a)pyrene	15.392	252	291555	39.981	ng	# 97
91) Dibenzo(a,h)anthracene	16.933	278	318653	43.896	ng	# 95
92) Benzo(g,h,i)perylene	17.362	276	309330	42.995	ng	# 92

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

