

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022522\
 Data File : BF127066.D
 Acq On : 25 Feb 2022 12:45
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 02/28/2022
 Supervised By : Jagrut Upadhyay 02/28/2022

Quant Time: Feb 26 01:38:29 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 24 02:10:57 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	75509	20.000	ng	0.00
21) Naphthalene-d8	8.192	136	296206	20.000	ng	# 0.00
39) Acenaphthene-d10	9.951	164	159410	20.000	ng	0.00
64) Phenanthrene-d10	11.439	188	289728	20.000	ng	# 0.00
76) Chrysene-d12	14.092	240	172381	20.000	ng	# 0.00
86) Perylene-d12	15.586	264	122610	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	390306	79.891	ng	0.00
7) Phenol-d6	6.534	99	518158	78.601	ng	0.00
23) Nitrobenzene-d5	7.475	82	537401	81.892	ng	0.00
42) 2,4,6-Tribromophenol	10.745	330	165727	90.295	ng	0.00
45) 2-Fluorobiphenyl	9.269	172	894703	82.626	ng	0.00
79) Terphenyl-d14	13.027	244	1018670	86.871	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.681	88	76202	34.086	ng	# 92
3) Pyridine	3.457	79	205651	35.072	ng	# 90
4) n-Nitrosodimethylamine	3.416	42	115538	40.223	ng	# 58
6) Aniline	6.569	93	289913	37.117	ng	92
8) 2-Chlorophenol	6.692	128	210400	40.138	ng	97
9) Benzaldehyde	6.457	77	138280	34.460	ng	98
10) Phenol	6.551	94	261620m	39.276	ng	
11) bis(2-Chloroethyl)ether	6.639	93	193860	37.106	ng	96
12) 1,3-Dichlorobenzene	6.845	146	230703	40.799	ng	97
13) 1,4-Dichlorobenzene	6.922	146	233857	40.794	ng	96
14) 1,2-Dichlorobenzene	7.075	146	224884	41.137	ng	100
15) Benzyl Alcohol	7.045	79	224810	40.480	ng	91
16) 2,2'-oxybis(1-Chloropr...	7.181	45	280517	34.098	ng	94
17) 2-Methylphenol	7.157	107	175224	38.636	ng	# 91
18) Hexachloroethane	7.416	117	91732	41.746	ng	92
19) n-Nitroso-di-n-propyla...	7.316	70	166411	39.175	ng	96
20) 3+4-Methylphenols	7.310	107	234025	39.738	ng	97
22) Acetophenone	7.316	105	314230	40.292	ng	# 98
24) Nitrobenzene	7.492	77	246289	39.729	ng	96
25) Isophorone	7.728	82	408188	37.590	ng	# 98
26) 2-Nitrophenol	7.804	139	111472	42.233	ng	# 74
27) 2,4-Dimethylphenol	7.839	122	170622m	39.350	ng	
28) bis(2-Chloroethoxy)met...	7.933	93	246464	37.438	ng	98
29) 2,4-Dichlorophenol	8.045	162	173437	42.545	ng	98
30) 1,2,4-Trichlorobenzene	8.128	180	191855	42.095	ng	97
31) Naphthalene	8.216	128	624952	40.417	ng	99
32) Benzoic acid	7.957	122	132147m	42.973	ng	
33) 4-Chloroaniline	8.257	127	243206	39.961	ng	94
34) Hexachlorobutadiene	8.322	225	117132	44.021	ng	98
35) Caprolactam	8.639	113	54510	38.291	ng	# 90
36) 4-Chloro-3-methylphenol	8.739	107	219517	42.134	ng	91
37) 2-Methylnaphthalene	8.904	142	406287	40.494	ng	96
38) 1-Methylnaphthalene	9.004	142	393026	40.907	ng	100
40) 1,2,4,5-Tetrachloroben...	9.069	216	173203	41.276	ng	98
41) Hexachlorocyclopentadiene	9.051	237	88989	39.101	ng	95
43) 2,4,6-Trichlorophenol	9.180	196	125670	40.833	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.222	196	135040	41.696	ng	95
46) 1,1'-Biphenyl	9.369	154	494947	39.189	ng	95
47) 2-Chloronaphthalene	9.398	162	367428	39.231	ng	96
48) 2-Nitroaniline	9.492	65	146772	39.712	ng	98
49) Acenaphthylene	9.816	152	603162	39.647	ng	98
50) Dimethylphthalate	9.669	163	448963	39.402	ng	100
51) 2,6-Dinitrotoluene	9.733	165	94889	40.932	ng	# 86
52) Acenaphthene	9.986	154	396906m	40.116	ng	
53) 3-Nitroaniline	9.904	138	111465	39.334	ng	99
54) 2,4-Dinitrophenol	10.010	184	53076	43.256	ng	# 83
55) Dibenzofuran	10.157	168	542225	39.855	ng	# 89
56) 4-Nitrophenol	10.063	139	85463	40.833	ng	# 76
57) 2,4-Dinitrotoluene	10.139	165	130747	41.713	ng	# 95
58) Fluorene	10.498	166	431062	40.676	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.274	232	108707	42.338	ng	96
60) Diethylphthalate	10.369	149	479412	40.266	ng	99
61) 4-Chlorophenyl-phenyle...	10.486	204	209620	41.949	ng	93
62) 4-Nitroaniline	10.522	138	112949	40.363	ng	# 69
63) Azobenzene	10.651	77	502172	37.878	ng	91
65) 4,6-Dinitro-2-methylph...	10.545	198	74360	43.681	ng	83
66) n-Nitrosodiphenylamine	10.610	169	368367	38.774	ng	100
67) 4-Bromophenyl-phenylether	10.980	248	129421	39.980	ng	92
68) Hexachlorobenzene	11.045	284	144804	41.552	ng	93
69) Atrazine	11.133	200	119058	40.406	ng	98
70) Pentachlorophenol	11.239	266	77084	40.521	ng	97
71) Phenanthrene	11.469	178	649032	40.023	ng	99
72) Anthracene	11.521	178	641880	39.760	ng	100
73) Carbazole	11.674	167	588910	39.778	ng	98
74) Di-n-butylphthalate	11.992	149	729182	38.312	ng	# 98
75) Fluoranthene	12.657	202	624576	40.563	ng	95
77) Benzidine	12.774	184	211753m	45.202	ng	
78) Pyrene	12.892	202	624725	41.714	ng	99
80) Butylbenzylphthalate	13.498	149	274802	38.759	ng	93
81) Benzo(a)anthracene	14.080	228	466625	40.153	ng	99
82) 3,3'-Dichlorobenzidine	14.039	252	152189	41.554	ng	# 97
83) Chrysene	14.115	228	431609	39.495	ng	98
84) Bis(2-ethylhexyl)phtha...	14.057	149	329495	35.398	ng	# 97
85) Di-n-octyl phthalate	14.668	149	439720	32.810	ng	97
87) Indeno(1,2,3-cd)pyrene	17.121	276	346003	43.037	ng	# 82
88) Benzo(b)fluoranthene	15.145	252	311596	37.838	ng	# 93
89) Benzo(k)fluoranthene	15.174	252	321995	40.539	ng	# 93
90) Benzo(a)pyrene	15.527	252	255005	39.644	ng	# 92
91) Dibenzo(a,h)anthracene	17.139	278	282350	42.463	ng	# 90
92) Benzo(g,h,i)perylene	17.586	276	285764	43.593	ng	# 82

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

