

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031822\
 Data File : BF127390.D
 Acq On : 18 Mar 2022 14:20
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 03/21/2022
 Supervised By : Jagrut Upadhyay 03/21/2022

Quant Time: Mar 19 01:51:15 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 19 01:50:04 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	91324	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	302248	20.000	ng	# 0.00
39) Acenaphthene-d10	9.904	164	178088	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	323720	20.000	ng	# 0.00
76) Chrysene-d12	14.045	240	212012	20.000	ng	# 0.00
86) Perylene-d12	15.521	264	163767	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	469055	82.567	ng	0.00
7) Phenol-d6	6.498	99	590901	75.612	ng	0.00
23) Nitrobenzene-d5	7.434	82	560952	76.647	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	153879	80.266	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	964846	76.596	ng	0.00
79) Terphenyl-d14	12.980	244	1054079	85.612	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.646	88	126278	42.870	ng	# 78
3) Pyridine	3.404	79	353296	45.072	ng	# 72
4) n-Nitrosodimethylamine	3.393	42	181716	41.842	ng	# 65
6) Aniline	6.528	93	355793	38.096	ng	92
8) 2-Chlorophenol	6.651	128	230183	39.167	ng	95
9) Benzaldehyde	6.416	77	154825	36.737	ng	91
10) Phenol	6.516	94	316451	36.862	ng	# 60
11) bis(2-Chloroethyl)ether	6.598	93	248697	39.010	ng	90
12) 1,3-Dichlorobenzene	6.798	146	255877	38.787	ng	97
13) 1,4-Dichlorobenzene	6.875	146	248597	37.563	ng	98
14) 1,2-Dichlorobenzene	7.034	146	233203	37.440	ng	97
15) Benzyl Alcohol	7.010	79	232444	39.683	ng	89
16) 2,2'-oxybis(1-Chloropr...	7.134	45	430579	35.990	ng	98
17) 2-Methylphenol	7.116	107	189367	37.903	ng	# 88
18) Hexachloroethane	7.369	117	92544	36.403	ng	# 79
19) n-Nitroso-di-n-propyla...	7.281	70	181070	37.129	ng	# 86
20) 3+4-Methylphenols	7.275	107	225493	34.802	ng	# 80
22) Acetophenone	7.275	105	310043	37.466	ng	# 81
24) Nitrobenzene	7.451	77	278732	40.267	ng	94
25) Isophorone	7.687	82	489834	41.623	ng	# 98
26) 2-Nitrophenol	7.763	139	119293	41.614	ng	# 73
27) 2,4-Dimethylphenol	7.798	122	177919	41.345	ng	91
28) bis(2-Chloroethoxy)met...	7.892	93	299907	40.220	ng	100
29) 2,4-Dichlorophenol	8.004	162	196160	39.803	ng	98
30) 1,2,4-Trichlorobenzene	8.081	180	224345	39.930	ng	99
31) Naphthalene	8.169	128	635734	39.430	ng	100
32) Benzoic acid	7.951	122	98715	35.072	ng	# 81
33) 4-Chloroaniline	8.222	127	249636	39.945	ng	96
34) Hexachlorobutadiene	8.275	225	159278	42.513	ng	99
35) Caprolactam	8.604	113	58286m	39.590	ng	
36) 4-Chloro-3-methylphenol	8.704	107	208607	39.055	ng	98
37) 2-Methylnaphthalene	8.857	142	411823	39.091	ng	97
38) 1-Methylnaphthalene	8.957	142	396634	39.162	ng	97
40) 1,2,4,5-Tetrachloroben...	9.022	216	223874	39.710	ng	# 94
41) Hexachlorocyclopentadiene	9.004	237	85785	39.700	ng	97
43) 2,4,6-Trichlorophenol	9.139	196	141212	39.687	ng	97

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44) 2,4,5-Trichlorophenol	9.181	196	148446m	39.309	ng	
46) 1,1'-Biphenyl	9.322	154	508415	37.826	ng	97
47) 2-Chloronaphthalene	9.351	162	393306	37.590	ng	99
48) 2-Nitroaniline	9.451	65	160471	39.862	ng	86
49) Acenaphthylene	9.769	152	604594	37.759	ng	98
50) Dimethylphthalate	9.628	163	510881	40.034	ng	# 99
51) 2,6-Dinitrotoluene	9.692	165	103705	40.175	ng	# 82
52) Acenaphthene	9.939	154	358348	37.545	ng	96
53) 3-Nitroaniline	9.869	138	102342	36.382	ng	# 92
54) 2,4-Dinitrophenol	9.980	184	54712	40.457	ng	87
55) Dibenzofuran	10.110	168	554165	37.374	ng	97
56) 4-Nitrophenol	10.039	139	86365	50.512	ng	# 75
57) 2,4-Dinitrotoluene	10.104	165	129389	38.097	ng	# 88
58) Fluorene	10.451	166	430001	37.399	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.228	232	131901	42.030	ng	# 78
60) Diethylphthalate	10.322	149	453347	38.947	ng	97
61) 4-Chlorophenyl-phenyle...	10.439	204	236228	37.912	ng	94
62) 4-Nitroaniline	10.486	138	110081m	39.271	ng	
63) Azobenzene	10.604	77	516094	38.571	ng	87
65) 4,6-Dinitro-2-methylph...	10.516	198	84003	42.087	ng	88
66) n-Nitrosodiphenylamine	10.563	169	377623	37.560	ng	99
67) 4-Bromophenyl-phenylether	10.933	248	147444	37.784	ng	96
68) Hexachlorobenzene	10.998	284	164100	38.586	ng	93
69) Atrazine	11.092	200	133166	38.384	ng	92
70) Pentachlorophenol	11.198	266	71311	41.530	ng	98
71) Phenanthrene	11.422	178	635799	37.206	ng	100
72) Anthracene	11.475	178	664323	39.254	ng	99
73) Carbazole	11.627	167	588253	36.911	ng	99
74) Di-n-butylphthalate	11.945	149	718119	38.524	ng	99
75) Fluoranthene	12.610	202	694963	36.372	ng	93
77) Benzidine	12.733	184	210568	39.056	ng	98
78) Pyrene	12.839	202	707835	42.864	ng	99
80) Butylbenzylphthalate	13.451	149	282791	44.496	ng	# 91
81) Benzo(a)anthracene	14.033	228	558970	39.156	ng	99
82) 3,3'-Dichlorobenzidine	13.992	252	172095	38.772	ng	# 95
83) Chrysene	14.068	228	519446	39.122	ng	98
84) Bis(2-ethylhexyl)phtha...	14.004	149	337664	39.469	ng	# 98
85) Di-n-octyl phthalate	14.616	149	516318	39.874	ng	96
87) Indeno(1,2,3-cd)pyrene	17.033	276	389591	39.490	ng	# 81
88) Benzo(b)fluoranthene	15.086	252	439268	40.864	ng	# 93
89) Benzo(k)fluoranthene	15.121	252	411169	40.680	ng	# 92
90) Benzo(a)pyrene	15.463	252	343064	40.528	ng	# 91
91) Dibenzo(a,h)anthracene	17.045	278	325549	39.648	ng	# 88
92) Benzo(g,h,i)perylene	17.492	276	340569	42.521	ng	# 83

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

