

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030222\
 Data File : BF127138.D
 Acq On : 02 Mar 2022 10:47
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

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

Quant Time: Mar 03 00:55:19 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	6.892	152	93612	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	354243	20.000	ng	# 0.00
39) Acenaphthene-d10	9.933	164	183487	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	326318	20.000	ng	# 0.00
76) Chrysene-d12	14.074	240	204475	20.000	ng	# 0.00
86) Perylene-d12	15.562	264	168342	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	482368	79.641	ng	0.00
7) Phenol-d6	6.528	99	633881	77.560	ng	0.00
23) Nitrobenzene-d5	7.463	82	623961	79.505	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	183170	86.703	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	1003092	80.480	ng	0.00
79) Terphenyl-d14	13.010	244	1107691	79.636	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.669	88	104786	37.808	ng	99
3) Pyridine	3.446	79	287367	39.530	ng	94
4) n-Nitrosodimethylamine	3.416	42	140009	39.316	ng	# 72
6) Aniline	6.557	93	366383	37.836	ng	97
8) 2-Chlorophenol	6.681	128	259409	39.917	ng	96
9) Benzaldehyde	6.445	77	167175	33.604	ng	95
10) Phenol	6.540	94	318635m	38.585	ng	
11) bis(2-Chloroethyl)ether	6.628	93	237097	36.606	ng	97
12) 1,3-Dichlorobenzene	6.834	146	277899	39.642	ng	99
13) 1,4-Dichlorobenzene	6.910	146	285361	40.152	ng	97
14) 1,2-Dichlorobenzene	7.063	146	270060	39.847	ng	98
15) Benzyl Alcohol	7.034	79	263026	38.202	ng	93
16) 2,2'-oxybis(1-Chloropr...	7.163	45	328769	32.235	ng	92
17) 2-Methylphenol	7.145	107	219911	39.113	ng	# 93
18) Hexachloroethane	7.404	117	105416	38.696	ng	# 92
19) n-Nitroso-di-n-propyla...	7.304	70	189492	35.982	ng	99
20) 3+4-Methylphenols	7.298	107	285772	39.141	ng	94
22) Acetophenone	7.304	105	370335	39.706	ng	# 98
24) Nitrobenzene	7.481	77	294428	39.713	ng	99
25) Isophorone	7.716	82	488274	37.598	ng	# 97
26) 2-Nitrophenol	7.792	139	135660	42.977	ng	# 83
27) 2,4-Dimethylphenol	7.828	122	202103m	38.974	ng	
28) bis(2-Chloroethoxy)met...	7.922	93	295609	37.547	ng	100
29) 2,4-Dichlorophenol	8.034	162	201319	41.293	ng	99
30) 1,2,4-Trichlorobenzene	8.116	180	222416	40.806	ng	98
31) Naphthalene	8.198	128	731423	39.553	ng	99
32) Benzoic acid	7.951	122	153782m	41.815	ng	
33) 4-Chloroaniline	8.245	127	291947	40.110	ng	96
34) Hexachlorobutadiene	8.310	225	132162	41.532	ng	98
35) Caprolactam	8.628	113	67772	39.807	ng	# 88
36) 4-Chloro-3-methylphenol	8.728	107	248741	39.921	ng	96
37) 2-Methylnaphthalene	8.892	142	477089	39.760	ng	98
38) 1-Methylnaphthalene	8.992	142	457834	39.845	ng	97
40) 1,2,4,5-Tetrachloroben...	9.057	216	201582	41.735	ng	97
41) Hexachlorocyclopentadiene	9.039	237	87761	33.501	ng	95
43) 2,4,6-Trichlorophenol	9.169	196	144286	40.730	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	153848	41.270	ng	97
46) 1,1'-Biphenyl	9.357	154	569937	39.205	ng	95
47) 2-Chloronaphthalene	9.381	162	431891	40.063	ng	95
48) 2-Nitroaniline	9.481	65	166489	39.136	ng	95
49) Acenaphthylene	9.798	152	695446	39.714	ng	98
50) Dimethylphthalate	9.657	163	512272	39.059	ng	99
51) 2,6-Dinitrotoluene	9.722	165	108495	40.659	ng	91
52) Acenaphthene	9.969	154	457685m	40.189	ng	
53) 3-Nitroaniline	9.892	138	131224	40.231	ng	97
54) 2,4-Dinitrophenol	9.998	184	59057	41.814	ng	# 87
55) Dibenzofuran	10.145	168	623471	39.813	ng	93
56) 4-Nitrophenol	10.051	139	95408	39.603	ng	# 75
57) 2,4-Dinitrotoluene	10.128	165	148208	41.079	ng	# 95
58) Fluorene	10.486	166	488727	40.066	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.257	232	123014	41.624	ng	93
60) Diethylphthalate	10.351	149	522563	38.131	ng	99
61) 4-Chlorophenyl-phenyle...	10.475	204	233320	40.565	ng	98
62) 4-Nitroaniline	10.510	138	133428	41.425	ng	# 79
63) Azobenzene	10.639	77	563571	36.931	ng	94
65) 4,6-Dinitro-2-methylph...	10.533	198	84196	43.913	ng	90
66) n-Nitrosodiphenylamine	10.598	169	419804	39.233	ng	98
67) 4-Bromophenyl-phenylether	10.969	248	146780	40.258	ng	97
68) Hexachlorobenzene	11.033	284	160477	40.886	ng	91
69) Atrazine	11.122	200	129611	39.055	ng	96
70) Pentachlorophenol	11.227	266	83476	38.960	ng	99
71) Phenanthrene	11.451	178	724355	39.659	ng	99
72) Anthracene	11.504	178	711317	39.120	ng	100
73) Carbazole	11.663	167	667690	40.043	ng	99
74) Di-n-butylphthalate	11.980	149	791816	36.938	ng	99
75) Fluoranthene	12.645	202	697102	40.197	ng	93
77) Benzidine	12.763	184	234604	42.220	ng	# 97
78) Pyrene	12.874	202	693715	39.051	ng	100
80) Butylbenzylphthalate	13.486	149	310577	36.930	ng	# 85
81) Benzo(a)anthracene	14.063	228	538358	39.054	ng	99
82) 3,3'-Dichlorobenzidine	14.021	252	175800	40.467	ng	# 98
83) Chrysene	14.098	228	509557	39.309	ng	99
84) Bis(2-ethylhexyl)phtha...	14.039	149	390602	35.377	ng	# 97
85) Di-n-octyl phthalate	14.657	149	557555	35.072	ng	96
87) Indeno(1,2,3-cd)pyrene	17.080	276	448011	40.587	ng	# 84
88) Benzo(b)fluoranthene	15.127	252	436279	38.587	ng	# 92
89) Benzo(k)fluoranthene	15.157	252	421925	38.690	ng	# 94
90) Benzo(a)pyrene	15.504	252	354026	40.087	ng	# 92
91) Dibenzo(a,h)anthracene	17.098	278	370702	40.606	ng	# 91
92) Benzo(g,h,i)perylene	17.545	276	363644	40.404	ng	# 85

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

