

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072522\
 Data File : BF129332.D
 Acq On : 25 Jul 2022 14:28
 Operator : CG\JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 07/26/2022
 Supervised By : Jagrut Upadhyay 07/26/2022

Quant Time: Jul 25 16:15:25 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 25 16:12:28 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	257016	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	1012911	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	535138	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	906599	20.000	ng	# 0.00
76) Chrysene-d12	14.063	240	667559	20.000	ng	# 0.00
86) Perylene-d12	15.551	264	521116	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	686787	43.584	ng	0.00
7) Phenol-d6	6.504	99	854814	42.555	ng	-0.01
23) Nitrobenzene-d5	7.445	82	778259	41.336	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	218984	42.414	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1430390	41.119	ng	0.00
79) Terphenyl-d14	12.998	244	1446307	40.351	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.657	88	150935	21.602	ng	88
3) Pyridine	3.451	79	414971	21.511	ng	92
4) n-Nitrosodimethylamine	3.387	42	181112	20.910	ng	82
6) Aniline	6.545	93	527390	21.337	ng	99
8) 2-Chlorophenol	6.669	128	375124	21.715	ng	95
9) Benzaldehyde	6.434	77	290949	21.115	ng	96
10) Phenol	6.522	94	464072	21.983	ng	90
11) bis(2-Chloroethyl)ether	6.616	93	358030	21.425	ng	94
12) 1,3-Dichlorobenzene	6.822	146	403854	21.691	ng	100
13) 1,4-Dichlorobenzene	6.904	146	409674	21.746	ng	99
14) 1,2-Dichlorobenzene	7.057	146	380732	21.872	ng	99
15) Benzyl Alcohol	7.022	79	314159	21.557	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.157	45	537145	21.084	ng	93
17) 2-Methylphenol	7.134	107	305951	21.732	ng	95
18) Hexachloroethane	7.398	117	153582	21.729	ng	94
19) n-Nitroso-di-n-propyla...	7.292	70	258512	21.599	ng	93
20) 3+4-Methylphenols	7.281	107	390736	21.280	ng	# 85
22) Acetophenone	7.292	105	512774	21.560	ng	# 97
24) Nitrobenzene	7.469	77	405146	20.893	ng	92
25) Isophorone	7.704	82	687815	20.808	ng	98
26) 2-Nitrophenol	7.781	139	194807	20.820	ng	95
27) 2,4-Dimethylphenol	7.816	122	296611m	21.072	ng	
28) bis(2-Chloroethoxy)met...	7.910	93	402257	21.007	ng	99
29) 2,4-Dichlorophenol	8.022	162	307427	20.997	ng	98
30) 1,2,4-Trichlorobenzene	8.110	180	320458	21.060	ng	97
31) Naphthalene	8.192	128	1110186	21.370	ng	99
32) Benzoic acid	7.904	122	185943	18.073	ng	95
33) 4-Chloroaniline	8.239	127	450349	21.254	ng	95
34) Hexachlorobutadiene	8.304	225	183143	21.058	ng	100
35) Caprolactam	8.598	113	93885m	20.106	ng	
36) 4-Chloro-3-methylphenol	8.710	107	321721	20.683	ng	97
37) 2-Methylnaphthalene	8.880	142	720859	21.414	ng	100
38) 1-Methylnaphthalene	8.980	142	696059	21.372	ng	97
40) 1,2,4,5-Tetrachloroben...	9.045	216	302221	21.512	ng	98
41) Hexachlorocyclopentadiene	9.033	237	127559	20.599	ng	99
43) 2,4,6-Trichlorophenol	9.157	196	212571	20.704	ng	97

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44) 2,4,5-Trichlorophenol	9.198	196	237293	21.306	ng	96
46) 1,1'-Biphenyl	9.345	154	848828	21.466	ng	99
47) 2-Chloronaphthalene	9.369	162	669809	21.146	ng	100
48) 2-Nitroaniline	9.469	65	220439	20.722	ng	86
49) Acenaphthylene	9.786	152	1041960	21.421	ng	100
50) Dimethylphthalate	9.645	163	782603	21.286	ng	100
51) 2,6-Dinitrotoluene	9.710	165	173184	21.038	ng	96
52) Acenaphthene	9.963	154	672967	21.319	ng	98
53) 3-Nitroaniline	9.880	138	204482	20.876	ng	# 85
54) 2,4-Dinitrophenol	9.986	184	81753	19.626	ng	# 85
55) Dibenzofuran	10.133	168	942084	21.476	ng	99
56) 4-Nitrophenol	10.033	139	149455	20.894	ng	96
57) 2,4-Dinitrotoluene	10.110	165	229513	21.267	ng	98
58) Fluorene	10.475	166	757383	21.632	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.251	232	178129	20.746	ng	90
60) Diethylphthalate	10.339	149	766511	21.669	ng	99
61) 4-Chlorophenyl-phenyle...	10.469	204	330937	21.605	ng	98
62) 4-Nitroaniline	10.492	138	201187	20.795	ng	91
63) Azobenzene	10.627	77	777239	21.238	ng	95
65) 4,6-Dinitro-2-methylph...	10.522	198	119843	21.492	ng	91
66) n-Nitrosodiphenylamine	10.586	169	649085	21.656	ng	97
67) 4-Bromophenyl-phenylether	10.957	248	211724	21.644	ng	97
68) Hexachlorobenzene	11.022	284	225552	21.053	ng	94
69) Atrazine	11.110	200	195609	21.354	ng	98
70) Pentachlorophenol	11.216	266	120916	20.528	ng	97
71) Phenanthrene	11.439	178	1080341	21.711	ng	99
72) Anthracene	11.492	178	1063728	21.574	ng	100
73) Carbazole	11.645	167	986814	21.456	ng	99
74) Di-n-butylphthalate	11.969	149	1199239	22.567	ng	99
75) Fluoranthene	12.633	202	1094088	21.574	ng	99
77) Benzidine	12.751	184	503973	18.944	ng	100
78) Pyrene	12.863	202	1130118	19.794	ng	99
80) Butylbenzylphthalate	13.474	149	488059	20.949	ng	94
81) Benzo(a)anthracene	14.051	228	945833	20.576	ng	99
82) 3,3'-Dichlorobenzidine	14.010	252	325426	21.567	ng	# 98
83) Chrysene	14.086	228	904536	20.848	ng	100
84) Bis(2-ethylhexyl)phtha...	14.027	149	660903	23.100	ng	98
85) Di-n-octyl phthalate	14.645	149	974654	23.804	ng	97
87) Indeno(1,2,3-cd)pyrene	17.056	276	639574	17.903	ng	98
88) Benzo(b)fluoranthene	15.110	252	787011	22.691	ng	98
89) Benzo(k)fluoranthene	15.139	252	713949	21.199	ng	98
90) Benzo(a)pyrene	15.486	252	581955	20.737	ng	97
91) Dibenzo(a,h)anthracene	17.074	278	527281	18.312	ng	98
92) Benzo(g,h,i)perylene	17.515	276	522237	17.454	ng	97

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

