

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051622\
 Data File : BF128258.D
 Acq On : 16 May 2022 10:10
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/17/2022
 Supervised By : Jagrut Upadhyay 05/17/2022

Quant Time: May 16 15:28:54 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 14 00:51:21 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	103659	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	381437	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	215517	20.000	ng	0.00
64) Phenanthrene-d10	11.421	188	379148	20.000	ng	0.00
76) Chrysene-d12	14.068	240	243687	20.000	ng	0.00
86) Perylene-d12	15.562	264	199082	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	521226	80.158	ng	0.00
7) Phenol-d6	6.528	99	693745	80.662	ng	0.00
23) Nitrobenzene-d5	7.463	82	700512	82.637	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	196191	79.374	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	1113244	80.823	ng	0.00
79) Terphenyl-d14	13.010	244	1164320	89.654	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.698	88	113160	39.120	ng	96
3) Pyridine	3.469	79	307042	40.011	ng	98
4) n-Nitrosodimethylamine	3.451	42	159071	41.582	ng	97
6) Aniline	6.557	93	396404	40.813	ng	97
8) 2-Chlorophenol	6.675	128	263906	39.847	ng	96
9) Benzaldehyde	6.445	77	186632	45.270	ng	97
10) Phenol	6.539	94	365462	40.295	ng	91
11) bis(2-Chloroethyl)ether	6.628	93	276108	40.649	ng	99
12) 1,3-Dichlorobenzene	6.828	146	300942	40.370	ng	95
13) 1,4-Dichlorobenzene	6.904	146	300416	39.883	ng	96
14) 1,2-Dichlorobenzene	7.057	146	284740	40.114	ng	97
15) Benzyl Alcohol	7.033	79	280626	41.289	ng	95
16) 2,2'-oxybis(1-Chloropr...	7.163	45	403460	40.056	ng	99
17) 2-Methylphenol	7.145	107	224559	39.965	ng	94
18) Hexachloroethane	7.398	117	117592	41.322	ng	99
19) n-Nitroso-di-n-propyla...	7.304	70	211250	39.885	ng	97
20) 3+4-Methylphenols	7.298	107	280502	40.319	ng	# 88
22) Acetophenone	7.304	105	383005	40.324	ng	94
24) Nitrobenzene	7.481	77	325431	41.595	ng	98
25) Isophorone	7.716	82	546931	41.154	ng	99
26) 2-Nitrophenol	7.792	139	143851	41.873	ng	93
27) 2,4-Dimethylphenol	7.822	122	215020	40.606	ng	96
28) bis(2-Chloroethoxy)met...	7.922	93	345674	41.148	ng	99
29) 2,4-Dichlorophenol	8.033	162	231222	41.535	ng	100
30) 1,2,4-Trichlorobenzene	8.110	180	264280	41.422	ng	99
31) Naphthalene	8.198	128	754481	40.051	ng	99
32) Benzoic acid	7.969	122	158893	40.124	ng	92
33) 4-Chloroaniline	8.245	127	296741	39.680	ng	97
34) Hexachlorobutadiene	8.304	225	174839	40.810	ng	98
35) Caprolactam	8.633	113	70315	38.694	ng	95
36) 4-Chloro-3-methylphenol	8.727	107	255586	41.090	ng	95
37) 2-Methylnaphthalene	8.886	142	499516	39.330	ng	99
38) 1-Methylnaphthalene	8.986	142	486536	39.886	ng	98
40) 1,2,4,5-Tetrachloroben...	9.051	216	264393	41.589	ng	99
41) Hexachlorocyclopentadiene	9.033	237	89955	34.102	ng	98
43) 2,4,6-Trichlorophenol	9.163	196	170304	41.581	ng	99

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44) 2,4,5-Trichlorophenol	9.210	196	177952	40.748	ng	97
46) 1,1'-Biphenyl	9.351	154	637970	40.662	ng	99
47) 2-Chloronaphthalene	9.380	162	472998	40.675	ng	99
48) 2-Nitroaniline	9.480	65	174876	41.945	ng	96
49) Acenaphthylene	9.792	152	699410	39.764	ng	100
50) Dimethylphthalate	9.651	163	555103	39.913	ng	99
51) 2,6-Dinitrotoluene	9.722	165	123488	40.477	ng	99
52) Acenaphthene	9.969	154	487482m	39.973	ng	
53) 3-Nitroaniline	9.892	138	128917	38.978	ng	92
54) 2,4-Dinitrophenol	10.004	184	61475	36.424	ng	89
55) Dibenzofuran	10.139	168	675544	39.014	ng	98
56) 4-Nitrophenol	10.057	139	83019	35.922	ng	91
57) 2,4-Dinitrotoluene	10.127	165	161530	39.596	ng	# 81
58) Fluorene	10.480	166	527776	39.132	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.257	232	146822	39.340	ng	98
60) Diethylphthalate	10.351	149	549568	39.606	ng	99
61) 4-Chlorophenyl-phenyle...	10.469	204	265814	39.520	ng	94
62) 4-Nitroaniline	10.510	138	128803	38.415	ng	90
63) Azobenzene	10.633	77	600685	39.533	ng	98
65) 4,6-Dinitro-2-methylph...	10.539	198	96045	40.475	ng	93
66) n-Nitrosodiphenylamine	10.592	169	460070	41.636	ng	98
67) 4-Bromophenyl-phenylether	10.963	248	171185	41.966	ng	93
68) Hexachlorobenzene	11.027	284	187622	42.048	ng	97
69) Atrazine	11.116	200	150519	40.381	ng	95
70) Pentachlorophenol	11.227	266	87385	40.352	ng	97
71) Phenanthrene	11.451	178	763070	40.419	ng	100
72) Anthracene	11.498	178	763838	40.523	ng	100
73) Carbazole	11.657	167	710721	39.652	ng	99
74) Di-n-butylphthalate	11.974	149	822791	39.874	ng	100
75) Fluoranthene	12.639	202	780688	38.142	ng	97
77) Benzidine	12.757	184	203994	38.651	ng	99
78) Pyrene	12.868	202	783769	44.357	ng	99
80) Butylbenzylphthalate	13.474	149	322003	43.835	ng	99
81) Benzo(a)anthracene	14.057	228	639689	41.098	ng	99
82) 3,3'-Dichlorobenzidine	14.015	252	141255	40.445	ng	99
83) Chrysene	14.098	228	597793	40.252	ng	100
84) Bis(2-ethylhexyl)phtha...	14.027	149	414603	41.772	ng	98
85) Di-n-octyl phthalate	14.645	149	620267	39.122	ng	99
87) Indeno(1,2,3-cd)pyrene	17.086	276	548300	45.529	ng	95
88) Benzo(b)fluoranthene	15.121	252	482389	39.088	ng	99
89) Benzo(k)fluoranthene	15.151	252	496514	40.758	ng	99
90) Benzo(a)pyrene	15.498	252	405339	40.684	ng	98
91) Dibenzo(a,h)anthracene	17.103	278	448115	45.962	ng	# 96
92) Benzo(g,h,i)perylene	17.550	276	453551	45.944	ng	96

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

