

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051322\
 Data File : BF128236.D
 Acq On : 13 May 2022 13:19
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/16/2022
 Supervised By : Jagrut Upadhyay 05/16/2022

Quant Time: May 14 00:55:34 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	6.887	152	89339	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	330784	20.000	ng	# 0.00
39) Acenaphthene-d10	9.933	164	186942	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	338939	20.000	ng	0.00
76) Chrysene-d12	14.068	240	224997	20.000	ng	0.00
86) Perylene-d12	15.557	264	175561	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	457730	81.676	ng	0.00
7) Phenol-d6	6.522	99	603785	81.455	ng	0.00
23) Nitrobenzene-d5	7.457	82	609783	82.949	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	172337	80.381	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	974886	81.597	ng	0.00
79) Terphenyl-d14	13.010	244	1051483	87.691	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.699	88	100504	40.314	ng	97
3) Pyridine	3.463	79	271402	41.035	ng	98
4) n-Nitrosodimethylamine	3.446	42	141784	43.004	ng	96
6) Aniline	6.557	93	338174	40.399	ng	97
8) 2-Chlorophenol	6.675	128	229794	40.258	ng	97
9) Benzaldehyde	6.445	77	159279	44.434	ng	96
10) Phenol	6.539	94	316232	40.456	ng	88
11) bis(2-Chloroethyl)ether	6.628	93	235955	40.306	ng	99
12) 1,3-Dichlorobenzene	6.828	146	262234	40.816	ng	96
13) 1,4-Dichlorobenzene	6.904	146	263280	40.555	ng	97
14) 1,2-Dichlorobenzene	7.057	146	245291	40.096	ng	97
15) Benzyl Alcohol	7.034	79	244244	41.696	ng	94
16) 2,2'-oxybis(1-Chloropr...	7.157	45	348960	40.198	ng	97
17) 2-Methylphenol	7.145	107	195018	40.271	ng	95
18) Hexachloroethane	7.398	117	101113	41.227	ng	99
19) n-Nitroso-di-n-propyla...	7.304	70	184114	40.334	ng	97
20) 3+4-Methylphenols	7.298	107	242792	40.492	ng	# 84
22) Acetophenone	7.304	105	333050	40.434	ng	94
24) Nitrobenzene	7.475	77	281326	41.464	ng	96
25) Isophorone	7.716	82	475808	41.284	ng	98
26) 2-Nitrophenol	7.792	139	122226	41.026	ng	93
27) 2,4-Dimethylphenol	7.822	122	186462	40.605	ng	95
28) bis(2-Chloroethoxy)met...	7.916	93	294895	40.479	ng	99
29) 2,4-Dichlorophenol	8.034	162	198919	41.204	ng	99
30) 1,2,4-Trichlorobenzene	8.110	180	228427	41.285	ng	99
31) Naphthalene	8.192	128	658568	40.313	ng	100
32) Benzoic acid	7.963	122	129760	37.785	ng	88
33) 4-Chloroaniline	8.245	127	250597	38.641	ng	96
34) Hexachlorobutadiene	8.304	225	154492	41.582	ng	96
35) Caprolactam	8.633	113	61289	38.892	ng	96
36) 4-Chloro-3-methylphenol	8.728	107	220701	40.915	ng	95
37) 2-Methylnaphthalene	8.886	142	439312	39.886	ng	99
38) 1-Methylnaphthalene	8.986	142	426733	40.340	ng	98
40) 1,2,4,5-Tetrachloroben...	9.051	216	226835	41.135	ng	98
41) Hexachlorocyclopentadiene	9.033	237	85520	36.884	ng	99
43) 2,4,6-Trichlorophenol	9.163	196	147899	41.630	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	154176	40.700	ng	96
46) 1,1'-Biphenyl	9.351	154	553072	40.639	ng	99
47) 2-Chloronaphthalene	9.380	162	413588	41.002	ng	99
48) 2-Nitroaniline	9.480	65	151641	41.931	ng	98
49) Acenaphthylene	9.792	152	618549	40.542	ng	99
50) Dimethylphthalate	9.651	163	486812	40.353	ng	100
51) 2,6-Dinitrotoluene	9.722	165	107392	40.582	ng	97
52) Acenaphthene	9.969	154	427260m	40.390	ng	
53) 3-Nitroaniline	9.892	138	113763	39.654	ng	95
54) 2,4-Dinitrophenol	10.004	184	54868	37.478	ng	91
55) Dibenzofuran	10.139	168	597472	39.780	ng	98
56) 4-Nitrophenol	10.057	139	75140	37.483	ng	92
57) 2,4-Dinitrotoluene	10.127	165	141492	39.986	ng	# 82
58) Fluorene	10.480	166	465348	39.777	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.257	232	130445	40.294	ng	99
60) Diethylphthalate	10.345	149	488292	40.569	ng	98
61) 4-Chlorophenyl-phenyle...	10.469	204	234673	40.223	ng	95
62) 4-Nitroaniline	10.510	138	113935	39.175	ng	91
63) Azobenzene	10.633	77	537298	40.767	ng	98
65) 4,6-Dinitro-2-methylph...	10.539	198	89162	42.032	ng	97
66) n-Nitrosodiphenylamine	10.592	169	402732	40.770	ng	100
67) 4-Bromophenyl-phenylether	10.963	248	150153	41.177	ng	95
68) Hexachlorobenzene	11.027	284	163087	40.886	ng	98
69) Atrazine	11.116	200	132685	39.820	ng	98
70) Pentachlorophenol	11.227	266	75497	38.998	ng	96
71) Phenanthrene	11.451	178	676785	40.101	ng	98
72) Anthracene	11.498	178	677667	40.217	ng	99
73) Carbazole	11.657	167	628774	39.241	ng	100
74) Di-n-butylphthalate	11.974	149	737012	39.954	ng	99
75) Fluoranthene	12.639	202	703557	38.451	ng	97
77) Benzidine	12.757	184	209443	42.980	ng	99
78) Pyrene	12.868	202	710897	43.575	ng	100
80) Butylbenzylphthalate	13.474	149	296584	43.728	ng	100
81) Benzo(a)anthracene	14.057	228	588917	40.979	ng	99
82) 3,3'-Dichlorobenzidine	14.015	252	131403	40.749	ng	99
83) Chrysene	14.098	228	553341	40.353	ng	100
84) Bis(2-ethylhexyl)phtha...	14.027	149	382731	41.764	ng	99
85) Di-n-octyl phthalate	14.645	149	579663	39.598	ng	100
87) Indeno(1,2,3-cd)pyrene	17.080	276	469773	44.235	ng	95
88) Benzo(b)fluoranthene	15.115	252	458437	42.124	ng	99
89) Benzo(k)fluoranthene	15.151	252	424094	39.477	ng	97
90) Benzo(a)pyrene	15.498	252	361885	41.189	ng	# 96
91) Dibenzo(a,h)anthracene	17.092	278	387813	45.106	ng	96
92) Benzo(g,h,i)perylene	17.545	276	390505	44.857	ng	# 95

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

