

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110321\
 Data File : BF126020.D
 Acq On : 3 Nov 2021 15:04
 Operator : JU/CG
 Sample : SSTDICC060
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 11/04/2021
 Supervised By : mohammad ahmed 11/08/2021

Quant Time: Nov 03 16:17:19 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 03 16:12:24 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	197750	20.00	ng	0.00
21) Naphthalene-d8	8.139	136	661554	20.00	ng	# 0.00
39) Acenaphthene-d10	9.892	164	403335	20.00	ng	0.00
64) Phenanthrene-d10	11.374	188	753868	20.00	ng	0.00
76) Chrysene-d12	14.015	240	531606	20.00	ng	# 0.00
86) Perylene-d12	15.468	264	388141	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	1303548	93.53	ng	0.00
7) Phenol-d6	6.492	99	1820647	100.48	ng	0.00
23) Nitrobenzene-d5	7.428	82	1822389	134.94	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	613260	158.07	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	3368403	147.29	ng	0.00
79) Terphenyl-d14	12.963	244	3922579	137.85	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.628	88	259982	41.59	ng	# 100
3) Pyridine	3.375	79	715464	41.76	ng	94
4) n-Nitrosodimethylamine	3.346	42	507414	58.20	ng	# 91
6) Aniline	6.528	93	1001685	44.98	ng	# 87
8) 2-Chlorophenol	6.645	128	690056	50.52	ng	# 80
9) Benzaldehyde	6.404	77	484122	44.51	ng	# 87
10) Phenol	6.504	94	926422	46.21	ng	# 67
11) bis(2-Chloroethyl)ether	6.598	93	668894	45.79	ng	86
12) 1,3-Dichlorobenzene	6.798	146	778209m	52.80	ng	
13) 1,4-Dichlorobenzene	6.875	146	793955	53.91	ng	96
14) 1,2-Dichlorobenzene	7.034	146	769071	53.47	ng	96
15) Benzyl Alcohol	7.004	79	797802	58.83	ng	91
16) 2,2'-oxybis(1-Chloropr...	7.134	45	1209797	42.65	ng	95
17) 2-Methylphenol	7.110	107	591934	49.16	ng	# 87
18) Hexachloroethane	7.369	117	309161	55.87	ng	# 88
19) n-Nitroso-di-n-propyla...	7.287	70	608677	56.76	ng	# 81
20) 3+4-Methylphenols	7.269	107	787944	49.30	ng	# 74
22) Acetophenone	7.275	105	1113449	66.68	ng	# 89
24) Nitrobenzene	7.445	77	860621	64.32	ng	# 83
25) Isophorone	7.686	82	1479953	59.86	ng	# 87
26) 2-Nitrophenol	7.757	139	313712	56.39	ng	# 60
27) 2,4-Dimethylphenol	7.792	122	553617	58.54	ng	# 78
28) bis(2-Chloroethoxy)met...	7.892	93	869670	55.07	ng	# 97
29) 2,4-Dichlorophenol	7.998	162	624576	66.04	ng	96
30) 1,2,4-Trichlorobenzene	8.081	180	744250	68.67	ng	97
31) Naphthalene	8.163	128	1984477	60.24	ng	99
32) Benzoic acid	7.945	122	378637	54.83	ng	# 69
33) 4-Chloroaniline	8.210	127	785709	55.04	ng	# 87
34) Hexachlorobutadiene	8.281	225	513460	78.37	ng	99
35) Caprolactam	8.604	113	173824m	52.63	ng	
36) 4-Chloro-3-methylphenol	8.692	107	715491	64.13	ng	# 84
37) 2-Methylnaphthalene	8.851	142	1375239	63.50	ng	99
38) 1-Methylnaphthalene	8.951	142	1344733	63.71	ng	98
40) 1,2,4,5-Tetrachloroben...	9.016	216	786087	70.48	ng	98
41) Hexachlorocyclopentadiene	9.010	237	462745	79.90	ng	96
43) 2,4,6-Trichlorophenol	9.128	196	512400	65.52	ng	99

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44) 2,4,5-Trichlorophenol	9.169	196	531859	65.00	ng	95
46) 1,1'-Biphenyl	9.316	154	1780815	58.62	ng	96
47) 2-Chloronaphthalene	9.345	162	1403699	64.06	ng	99
48) 2-Nitroaniline	9.433	65	501200	55.80	ng #	70
49) Acenaphthylene	9.757	152	2113459	63.63	ng	96
50) Dimethylphthalate	9.622	163	1698283	67.59	ng	98
51) 2,6-Dinitrotoluene	9.680	165	335728	61.11	ng #	70
52) Acenaphthene	9.928	154	1378458	61.58	ng	95
53) 3-Nitroaniline	9.851	138	337226	52.52	ng #	65
54) 2,4-Dinitrophenol	9.951	184	147159	60.75	ng #	87
55) Dibenzofuran	10.098	168	2025087	60.05	ng	97
56) 4-Nitrophenol	10.004	139	263318	51.96	ng #	43
57) 2,4-Dinitrotoluene	10.080	165	453605	63.41	ng #	78
58) Fluorene	10.445	166	1621893	66.07	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.216	232	468864	67.64	ng #	88
60) Diethylphthalate	10.322	149	1712945	67.52	ng	98
61) 4-Chlorophenyl-phenyle...	10.433	204	871918	75.44	ng	93
62) 4-Nitroaniline	10.469	138	349970	57.43	ng #	77
63) Azobenzene	10.598	77	1801326	61.38	ng	93
65) 4,6-Dinitro-2-methylph...	10.492	198	232421	57.02	ng	95
66) n-Nitrosodiphenylamine	10.557	169	1392575	61.29	ng	96
67) 4-Bromophenyl-phenylether	10.922	248	541560	65.78	ng	95
68) Hexachlorobenzene	10.992	284	563364	64.94	ng #	85
69) Atrazine	11.080	200	486822	65.76	ng	92
70) Pentachlorophenol	11.180	266	339530	68.66	ng	94
71) Phenanthrene	11.404	178	2303331	57.82	ng	96
72) Anthracene	11.457	178	2316129	60.21	ng	97
73) Carbazole	11.610	167	2166673	58.13	ng	99
74) Di-n-butylphthalate	11.939	149	2513104	61.78	ng #	97
75) Fluoranthene	12.592	202	2533151	60.67	ng	94
77) Benzidine	12.704	184	853698	42.51	ng	96
78) Pyrene	12.816	202	2557569	59.26	ng	95
80) Butylbenzylphthalate	13.439	149	995208	56.64	ng #	90
81) Benzo(a)anthracene	14.004	228	2082118	61.21	ng	99
82) 3,3'-Dichlorobenzidine	13.968	252	594309	47.83	ng #	97
83) Chrysene	14.045	228	1926078	54.75	ng	96
84) Bis(2-ethylhexyl)phtha...	13.998	149	1310309	63.95	ng #	99
85) Di-n-octyl phthalate	14.610	149	1796433	50.15	ng #	97
87) Indeno(1,2,3-cd)pyrene	16.933	276	1427114	60.02	ng #	84
88) Benzo(b)fluoranthene	15.051	252	1453335	56.08	ng #	94
89) Benzo(k)fluoranthene	15.080	252	1408793	55.91	ng	98
90) Benzo(a)pyrene	15.415	252	1144379	54.75	ng #	94
91) Dibenzo(a,h)anthracene	16.951	278	1172709	60.50	ng #	92
92) Benzo(g,h,i)perylene	17.380	276	1129905	58.17	ng #	83

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

