

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061722\
 Data File : BF128848.D
 Acq On : 17 Jun 2022 11:49
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 06/20/2022
 Supervised By : Jagrut Upadhyay 06/20/2022

Quant Time: Jun 18 05:05:23 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 14 14:53:53 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	98126	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	351871	20.000	ng	# 0.00
39) Acenaphthene-d10	9.828	164	206079	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	398073	20.000	ng	# 0.00
76) Chrysene-d12	13.963	240	242612	20.000	ng	# 0.00
86) Perylene-d12	15.415	264	181134	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	483693	78.516	ng	0.00
7) Phenol-d6	6.445	99	600653	79.875	ng	0.00
23) Nitrobenzene-d5	7.357	82	618210	81.800	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	185542	76.200	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	1188433	80.782	ng	0.00
79) Terphenyl-d14	12.904	244	1150764	82.420	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.493	88	87724	38.357	ng	# 95
3) Pyridine	3.228	79	237858	39.150	ng	93
4) n-Nitrosodimethylamine	3.193	42	150547	35.733	ng	# 78
6) Aniline	6.451	93	326874	40.304	ng	# 47
8) 2-Chlorophenol	6.581	128	258408	40.993	ng	98
9) Benzaldehyde	6.334	77	192961	42.119	ng	92
10) Phenol	6.457	94	317979	40.002	ng	77
11) bis(2-Chloroethyl)ether	6.522	93	232023	39.834	ng	100
12) 1,3-Dichlorobenzene	6.722	146	294452	40.406	ng	98
13) 1,4-Dichlorobenzene	6.804	146	295572	40.160	ng	99
14) 1,2-Dichlorobenzene	6.957	146	280295	40.712	ng	99
15) Benzyl Alcohol	6.934	79	247512	39.339	ng	92
16) 2,2'-oxybis(1-Chloropr...	7.063	45	365911	38.128	ng	# 31
17) 2-Methylphenol	7.057	107	207053	41.560	ng	# 86
18) Hexachloroethane	7.292	117	110988	40.533	ng	96
19) n-Nitroso-di-n-propyla...	7.204	70	188412	40.297	ng	99
20) 3+4-Methylphenols	7.210	107	276944	41.638	ng	# 82
22) Acetophenone	7.198	105	375058	40.754	ng	97
24) Nitrobenzene	7.375	77	285227	41.108	ng	100
25) Isophorone	7.610	82	458501	39.945	ng	96
26) 2-Nitrophenol	7.686	139	134095	43.865	ng	# 90
27) 2,4-Dimethylphenol	7.734	122	195256	41.930	ng	94
28) bis(2-Chloroethoxy)met...	7.822	93	292987	40.378	ng	97
29) 2,4-Dichlorophenol	7.939	162	221636	41.122	ng	99
30) 1,2,4-Trichlorobenzene	8.010	180	243428	40.112	ng	99
31) Naphthalene	8.092	128	731365	40.500	ng	99
32) Benzoic acid	7.881	122	85292	25.816	ng	89
33) 4-Chloroaniline	8.145	127	283452	41.632	ng	98
34) Hexachlorobutadiene	8.204	225	168633	39.182	ng	98
35) Caprolactam	8.528	113	63909m	42.881	ng	
36) 4-Chloro-3-methylphenol	8.645	107	239222	40.670	ng	99
37) 2-Methylnaphthalene	8.781	142	466238	40.592	ng	100
38) 1-Methylnaphthalene	8.881	142	454998	41.001	ng	98
40) 1,2,4,5-Tetrachloroben...	8.951	216	262403	40.999	ng	97
41) Hexachlorocyclopentadiene	8.933	237	133838	34.789	ng	99
43) 2,4,6-Trichlorophenol	9.069	196	157230	36.328	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.122	196	170849	38.197	ng	# 95
46) 1,1'-Biphenyl	9.251	154	615802	39.826	ng	97
47) 2-Chloronaphthalene	9.275	162	479367	40.629	ng	99
48) 2-Nitroaniline	9.375	65	168801	41.838	ng	94
49) Acenaphthylene	9.686	152	727359	40.268	ng	100
50) Dimethylphthalate	9.551	163	571794	40.537	ng	100
51) 2,6-Dinitrotoluene	9.616	165	121988	43.817	ng	# 80
52) Acenaphthene	9.863	154	432324	36.753	ng	99
53) 3-Nitroaniline	9.792	138	132813	43.955	ng	# 98
54) 2,4-Dinitrophenol	9.904	184	59117	38.123	ng	# 93
55) Dibenzofuran	10.033	168	681224	40.297	ng	95
56) 4-Nitrophenol	9.986	139	77293	35.289	ng	83
57) 2,4-Dinitrotoluene	10.028	165	159534	42.938	ng	# 87
58) Fluorene	10.375	166	516164	39.371	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.163	232	133110	36.030	ng	96
60) Diethylphthalate	10.251	149	547761	38.637	ng	99
61) 4-Chlorophenyl-phenyle...	10.369	204	270741	39.815	ng	96
62) 4-Nitroaniline	10.410	138	135096	44.159	ng	89
63) Azobenzene	10.527	77	533294	38.211	ng	99
65) 4,6-Dinitro-2-methylph...	10.439	198	97687	41.583	ng	96
66) n-Nitrosodiphenylamine	10.492	169	478829	39.135	ng	98
67) 4-Bromophenyl-phenylether	10.857	248	181372	40.856	ng	97
68) Hexachlorobenzene	10.927	284	202703	41.116	ng	# 90
69) Atrazine	11.022	200	156662	39.816	ng	97
70) Pentachlorophenol	11.133	266	107994	43.883	ng	99
71) Phenanthrene	11.339	178	794502	39.792	ng	99
72) Anthracene	11.392	178	804234	40.695	ng	99
73) Carbazole	11.551	167	755548	41.162	ng	100
74) Di-n-butylphthalate	11.874	149	874572	39.133	ng	99
75) Fluoranthene	12.533	202	801962	38.425	ng	95
77) Benzidine	12.651	184	214543	44.361	ng	99
78) Pyrene	12.763	202	747508	41.413	ng	97
80) Butylbenzylphthalate	13.374	149	300538	39.648	ng	99
81) Benzo(a)anthracene	13.951	228	620030	41.000	ng	99
82) 3,3'-Dichlorobenzidine	13.915	252	148195	45.804	ng	98
83) Chrysene	13.992	228	585844	40.633	ng	99
84) Bis(2-ethylhexyl)phtha...	13.933	149	389824	39.558	ng	100
85) Di-n-octyl phthalate	14.551	149	579184	39.023	ng	99
87) Indeno(1,2,3-cd)pyrene	16.868	276	443300	40.605	ng	# 90
88) Benzo(b)fluoranthene	14.998	252	460656	39.800	ng	# 96
89) Benzo(k)fluoranthene	15.027	252	450092	41.339	ng	# 97
90) Benzo(a)pyrene	15.357	252	365889	40.221	ng	# 96
91) Dibenzo(a,h)anthracene	16.886	278	370344	40.896	ng	# 94
92) Benzo(g,h,i)perylene	17.309	276	362277	40.365	ng	# 92

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

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