

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021522\
 Data File : BF126884.D
 Acq On : 15 Feb 2022 11:22
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/16/2022
 Supervised By :Jagrut Upadhyay 02/16/2022

Quant Time: Feb 16 00:14:33 2022

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020922.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Feb 10 00:44:00 2022

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.940	152	117231	20.000	ng	0.00
21) Naphthalene-d8	8.228	136	468185	20.000	ng	0.00
39) Acenaphthene-d10	9.981	164	230718	20.000	ng	0.00
64) Phenanthrene-d10	11.469	188	403411	20.000	ng	0.00
76) Chrysene-d12	14.116	240	231840	20.000	ng	0.00
86) Perylene-d12	15.621	264	182718	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.551	112	598422	78.594	ng	0.00
7) Phenol-d6	6.563	99	800570	77.884	ng	0.00
23) Nitrobenzene-d5	7.510	82	784978	77.360	ng	0.00
42) 2,4,6-Tribromophenol	10.775	330	202660	81.934	ng	0.00
45) 2-Fluorobiphenyl	9.298	172	1184965	77.311	ng	0.00
79) Terphenyl-d14	13.057	244	1240079	76.680	ng	0.00
Target Compounds						Qvalue
3) Pyridine	3.534	79	377574	39.098	ng	97
4) n-Nitrosodimethylamine	3.504	42	176882	39.009	ng	99
6) Aniline	6.610	93	483610	39.067	ng	99
8) 2-Chlorophenol	6.728	128	319326	39.402	ng	98
9) Benzaldehyde	6.498	77	225726	36.118	ng	99
10) Phenol	6.575	94	404459	39.038	ng	99
11) bis(2-Chloroethyl)ether	6.675	93	315433	38.239	ng	96
12) 1,3-Dichlorobenzene	6.881	146	343650m	38.969	ng	
13) 1,4-Dichlorobenzene	6.957	146	350576	39.336	ng	98
14) 1,2-Dichlorobenzene	7.116	146	325132	38.716	ng	98
15) Benzyl Alcohol	7.081	79	336413	41.414	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.216	45	495975	36.784	ng	98
17) 2-Methylphenol	7.187	107	275944	38.916	ng	97
18) Hexachloroethane	7.457	117	133206	39.472	ng	95
19) n-Nitroso-di-n-propyla...	7.351	70	250770	38.525	ng	98
20) 3+4-Methylphenols	7.340	107	359415	39.511	ng	98
22) Acetophenone	7.351	105	466153	38.480	ng	99
24) Nitrobenzene	7.528	77	374465	39.012	ng	99
25) Isophorone	7.763	82	643026	37.824	ng	99
26) 2-Nitrophenol	7.839	139	166053	41.333	ng	98
27) 2,4-Dimethylphenol	7.869	122	262266	38.698	ng	97
28) bis(2-Chloroethoxy)met...	7.969	93	391490	37.092	ng	99
29) 2,4-Dichlorophenol	8.075	162	245070	38.459	ng	97
30) 1,2,4-Trichlorobenzene	8.163	180	271260	38.512	ng	99
31) Naphthalene	8.251	128	930316	38.314	ng	100
32) Benzoic acid	7.981	122	194279	40.585	ng	99
33) 4-Chloroaniline	8.292	127	364808	38.161	ng	98
34) Hexachlorobutadiene	8.357	225	157549	39.265	ng	98
35) Caprolactam	8.669	113	85210	38.953	ng	99
36) 4-Chloro-3-methylphenol	8.763	107	310370	38.695	ng	96
37) 2-Methylnaphthalene	8.939	142	587600	37.868	ng	99
38) 1-Methylnaphthalene	9.039	142	571383	38.057	ng	99
40) 1,2,4,5-Tetrachloroben...	9.098	216	231261	38.393	ng	98
41) Hexachlorocyclopentadiene	9.086	237	129524	38.169	ng	100
43) 2,4,6-Trichlorophenol	9.210	196	172740	39.754	ng	99
44) 2,4,5-Trichlorophenol	9.245	196	181264	39.416	ng	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	9.404	154	702830	38.405	ng	98
47) 2-Chloronaphthalene	9.428	162	521681	38.597	ng	99
48) 2-Nitroaniline	9.522	65	211951	40.423	ng	100
49) Acenaphthylene	9.845	152	845366	38.381	ng	99
50) Dimethylphthalate	9.698	163	620453	38.000	ng	98
51) 2,6-Dinitrotoluene	9.763	165	131767	39.863	ng	# 87
52) Acenaphthene	10.016	154	546581	38.807	ng	98
53) 3-Nitroaniline	9.933	138	159126	39.467	ng	93
54) 2,4-Dinitrophenol	10.033	184	65720	37.792	ng	# 75
55) Dibenzofuran	10.186	168	748281	38.586	ng	96
56) 4-Nitrophenol	10.081	139	117435	40.555	ng	96
57) 2,4-Dinitrotoluene	10.169	165	176170	40.311	ng	96
58) Fluorene	10.533	166	578016	38.858	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.304	232	145369	40.354	ng	98
60) Diethylphthalate	10.398	149	642676	38.162	ng	99
61) 4-Chlorophenyl-phenyle...	10.522	204	269679	38.675	ng	96
62) 4-Nitroaniline	10.551	138	154328	40.713	ng	98
63) Azobenzene	10.680	77	732957	38.230	ng	97
65) 4,6-Dinitro-2-methylph...	10.575	198	93050	40.356	ng	89
66) n-Nitrosodiphenylamine	10.639	169	491891	37.271	ng	98
67) 4-Bromophenyl-phenylether	11.016	248	169598	38.686	ng	92
68) Hexachlorobenzene	11.075	284	182250	38.598	ng	# 89
69) Atrazine	11.163	200	157691	39.149	ng	97
70) Pentachlorophenol	11.269	266	106907	41.000	ng	97
71) Phenanthrene	11.498	178	849282	37.995	ng	99
72) Anthracene	11.551	178	843629	37.774	ng	99
73) Carbazole	11.704	167	782426	38.488	ng	99
74) Di-n-butylphthalate	12.027	149	988429	37.714	ng	99
75) Fluoranthene	12.686	202	813886	38.927	ng	99
77) Benzidine	12.804	184	253909	41.621	ng	99
78) Pyrene	12.916	202	807775	38.388	ng	100
80) Butylbenzylphthalate	13.527	149	373595	38.768	ng	97
81) Benzo(a)anthracene	14.104	228	605184	38.532	ng	99
82) 3,3'-Dichlorobenzidine	14.068	252	192161	41.082	ng	98
83) Chrysene	14.145	228	573102	38.860	ng	99
84) Bis(2-ethylhexyl)phtha...	14.080	149	463159	37.067	ng	99
85) Di-n-octyl phthalate	14.698	149	631944	36.844	ng	99
87) Indeno(1,2,3-cd)pyrene	17.162	276	523953	40.219	ng	98
88) Benzo(b)fluoranthene	15.174	252	451311	38.667	ng	100
89) Benzo(k)fluoranthene	15.204	252	474442	39.371	ng	99
90) Benzo(a)pyrene	15.557	252	379167	39.810	ng	98
91) Dibenzo(a,h)anthracene	17.186	278	437114	40.401	ng	99
92) Benzo(g,h,i)perylene	17.633	276	426062	39.585	ng	95

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

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