

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032122\
 Data File : BF127424.D
 Acq On : 21 Mar 2022 23:55
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Manual Integrations

APPROVED

Reviewed By : Christian Giraldo 03/22/2022
 Supervised By : Jagrut Upadhyay 03/22/2022

Quant Time: Mar 22 05:06:23 2022

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF032122.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Mar 22 02:16:33 2022

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	98738	20.000	ng	0.00
21) Naphthalene-d8	8.133	136	344330	20.000	ng	0.00
39) Acenaphthene-d10	9.892	164	195606	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	343403	20.000	ng	0.00
76) Chrysene-d12	14.027	240	223792	20.000	ng	0.00
86) Perylene-d12	15.504	264	166289	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	470263	76.024	ng	0.00
7) Phenol-d6	6.486	99	647703	76.602	ng	0.00
23) Nitrobenzene-d5	7.422	82	622710	77.304	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	157795	75.728	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	1004173	74.963	ng	0.00
79) Terphenyl-d14	12.963	244	1066866	78.040	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.610	88	121732	44.807	ng	94
3) Pyridine	3.375	79	305735	39.871	ng	96
4) n-Nitrosodimethylamine	3.351	42	166489	39.544	ng	94
6) Aniline	6.516	93	392420	38.891	ng	99
8) 2-Chlorophenol	6.639	128	244796	38.726	ng	98
9) Benzaldehyde	6.410	77	176355	40.857	ng	97
10) Phenol	6.498	94	356489	38.714	ng	98
11) bis(2-Chloroethyl)ether	6.592	93	261656	38.834	ng	97
12) 1,3-Dichlorobenzene	6.786	146	274939	38.671	ng	98
13) 1,4-Dichlorobenzene	6.869	146	276905	38.719	ng	100
14) 1,2-Dichlorobenzene	7.022	146	255054	36.617	ng	99
15) Benzyl Alcohol	6.998	79	237557	38.659	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.122	45	472395	38.961	ng	99
17) 2-Methylphenol	7.104	107	208896	39.158	ng	99
18) Hexachloroethane	7.357	117	99967	38.182	ng	99
19) n-Nitroso-di-n-propyla...	7.269	70	190180	37.523	ng	99
20) 3+4-Methylphenols	7.263	107	252045	38.305	ng	95
22) Acetophenone	7.263	105	330037	37.496	ng	98
24) Nitrobenzene	7.439	77	296358	38.577	ng	99
25) Isophorone	7.675	82	506537	39.481	ng	100
26) 2-Nitrophenol	7.751	139	126858	39.374	ng	99
27) 2,4-Dimethylphenol	7.786	122	189244	39.047	ng	97
28) bis(2-Chloroethoxy)met...	7.880	93	327015	39.237	ng	99
29) 2,4-Dichlorophenol	7.998	162	213617	38.826	ng	96
30) 1,2,4-Trichlorobenzene	8.075	180	245032	38.219	ng	96
31) Naphthalene	8.157	128	703229	38.468	ng	99
32) Benzoic acid	7.933	122	103217m	38.434	ng	
33) 4-Chloroaniline	8.210	127	284201	40.119	ng	99
34) Hexachlorobutadiene	8.263	225	158782	39.001	ng	99
35) Caprolactam	8.592	113	67257	39.652	ng	97
36) 4-Chloro-3-methylphenol	8.692	107	234085	39.214	ng	98
37) 2-Methylnaphthalene	8.845	142	455965	38.790	ng	100
38) 1-Methylnaphthalene	8.945	142	442764	38.092	ng	97
40) 1,2,4,5-Tetrachloroben...	9.010	216	237266	38.149	ng	99
41) Hexachlorocyclopentadiene	8.992	237	58566	39.000	ng	97
43) 2,4,6-Trichlorophenol	9.127	196	150810	40.115	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.175	196	159613	41.244	ng	94
46) 1,1'-Biphenyl	9.310	154	561459	38.005	ng	99
47) 2-Chloronaphthalene	9.339	162	447659	38.480	ng	99
48) 2-Nitroaniline	9.439	65	176467	39.578	ng	99
49) Acenaphthylene	9.751	152	673217	38.278	ng	100
50) Dimethylphthalate	9.616	163	528522	38.839	ng	100
51) 2,6-Dinitrotoluene	9.680	165	111262	38.951	ng	97
52) Acenaphthene	9.927	154	394171	38.413	ng	97
53) 3-Nitroaniline	9.857	138	121143	38.662	ng	99
54) 2,4-Dinitrophenol	9.969	184	42016	34.675	ng	97
55) Dibenzofuran	10.098	168	606899	40.670	ng	99
56) 4-Nitrophenol	10.022	139	62705	39.318	ng	98
57) 2,4-Dinitrotoluene	10.086	165	140719	38.273	ng	98
58) Fluorene	10.439	166	470788	39.296	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.216	232	133060	38.889	ng	99
60) Diethylphthalate	10.310	149	464595	37.380	ng	99
61) 4-Chlorophenyl-phenyle...	10.427	204	253380	36.027	ng	98
62) 4-Nitroaniline	10.474	138	111745	38.073	ng	98
63) Azobenzene	10.592	77	546588	37.270	ng	99
65) 4,6-Dinitro-2-methylph...	10.498	198	84118	39.809	ng	93
66) n-Nitrosodiphenylamine	10.551	169	406523	38.889	ng	98
67) 4-Bromophenyl-phenylether	10.921	248	152009	37.914	ng	95
68) Hexachlorobenzene	10.986	284	168895	38.592	ng	97
69) Atrazine	11.080	200	141134	40.555	ng	99
70) Pentachlorophenol	11.186	266	58439	38.413	ng	97
71) Phenanthrene	11.404	178	679598	37.960	ng	99
72) Anthracene	11.457	178	675571	38.025	ng	98
73) Carbazole	11.616	167	642100	37.792	ng	99
74) Di-n-butylphthalate	11.933	149	687245	39.077	ng	99
75) Fluoranthene	12.598	202	741261	37.644	ng	99
77) Benzidine	12.721	184	207036	38.799	ng	99
78) Pyrene	12.827	202	756345	39.380	ng	99
80) Butylbenzylphthalate	13.433	149	257163	40.682	ng	99
81) Benzo(a)anthracene	14.015	228	574348	38.377	ng	100
82) 3,3'-Dichlorobenzidine	13.974	252	169249	38.479	ng	100
83) Chrysene	14.051	228	542675	38.292	ng	99
84) Bis(2-ethylhexyl)phtha...	13.986	149	302476	41.395	ng	99
85) Di-n-octyl phthalate	14.598	149	395153	40.638	ng	100
87) Indeno(1,2,3-cd)pyrene	17.003	276	482358	42.868	ng	99
88) Benzo(b)fluoranthene	15.068	252	412606	39.352	ng	99
89) Benzo(k)fluoranthene	15.098	252	374382	34.444	ng	99
90) Benzo(a)pyrene	15.439	252	333374	38.743	ng	99
91) Dibenzo(a,h)anthracene	17.009	278	399035	42.954	ng	98
92) Benzo(g,h,i)perylene	17.456	276	406844	42.370	ng	100

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

