

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080123\
 Data File : BF134544.D
 Acq On : 01 Aug 2023 12:50
 Operator : CG\JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

ICVBF080123

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/02/2023

Supervised By :mohammad ahmed 08/02/2023

Quant Time: Aug 02 02:22:23 2023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Aug 02 02:20:34 2023

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.793	152	203904	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	797297	20.000	ng	# 0.00
39) Acenaphthene-d10	9.828	164	404262	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	741217	20.000	ng	# 0.00
76) Chrysene-d12	13.957	240	482018	20.000	ng	# 0.00
86) Perylene-d12	15.410	264	429657	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	1015729	75.722	ng	0.00
7) Phenol-d6	6.422	99	1311185	76.467	ng	0.00
23) Nitrobenzene-d5	7.357	82	1077731	84.473	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	329386	79.927	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	1871582	76.977	ng	0.00
79) Terphenyl-d14	12.910	244	2112369	77.255	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.546	88	235434	38.148	ng	96
3) Pyridine	3.293	79	642291	38.406	ng	93
4) n-Nitrosodimethylamine	3.258	42	309027	38.673	ng	# 68
6) Aniline	6.463	93	857285	38.117	ng	92
8) 2-Chlorophenol	6.581	128	526760	38.929	ng	95
9) Benzaldehyde	6.346	77	319830	38.105	ng	97
10) Phenol	6.440	94	658721m	38.983	ng	
11) bis(2-Chloroethyl)ether	6.540	93	519677	38.714	ng	92
12) 1,3-Dichlorobenzene	6.734	146	533993	38.142	ng	97
13) 1,4-Dichlorobenzene	6.810	146	543777	38.755	ng	98
14) 1,2-Dichlorobenzene	6.963	146	503049	38.479	ng	96
15) Benzyl Alcohol	6.934	79	468786	39.629	ng	95
16) 2,2'-oxybis(1-Chloropr...	7.075	45	810293	38.530	ng	89
17) 2-Methylphenol	7.046	107	465258	38.910	ng	91
18) Hexachloroethane	7.305	117	197610	40.128	ng	99
19) n-Nitroso-di-n-propyla...	7.210	70	387210	37.716	ng	93
20) 3+4-Methylphenols	7.199	107	563344	39.066	ng	# 71
22) Acetophenone	7.205	105	681818	37.043	ng	# 87
24) Nitrobenzene	7.375	77	562806	40.832	ng	97
25) Isophorone	7.616	82	1045306	37.564	ng	100
26) 2-Nitrophenol	7.687	139	235831	40.986	ng	94
27) 2,4-Dimethylphenol	7.728	122	480502	38.699	ng	83
28) bis(2-Chloroethoxy)met...	7.828	93	632463	37.995	ng	100
29) 2,4-Dichlorophenol	7.928	162	437893	38.858	ng	97
30) 1,2,4-Trichlorobenzene	8.016	180	465197	38.712	ng	98
31) Naphthalene	8.099	128	1511782	37.728	ng	99
32) Benzoic acid	7.840	122	315379	40.424	ng	91
33) 4-Chloroaniline	8.146	127	669747	37.512	ng	98
34) Hexachlorobutadiene	8.216	225	264877	38.213	ng	96
35) Caprolactam	8.516	113	140703	38.700	ng	97
36) 4-Chloro-3-methylphenol	8.622	107	457530	38.337	ng	91
37) 2-Methylnaphthalene	8.787	142	996527	37.519	ng	100
38) 1-Methylnaphthalene	8.887	142	932463	37.754	ng	97
40) 1,2,4,5-Tetrachloroben...	8.951	216	445276	37.878	ng	99
41) Hexachlorocyclopentadiene	8.940	237	231906	40.567	ng	93
43) 2,4,6-Trichlorophenol	9.057	196	306217	39.802	ng	98

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44) 2,4,5-Trichlorophenol	9.093	196	348813	39.669	ng	94
46) 1,1'-Biphenyl	9.251	154	1189246	37.830	ng	97
47) 2-Chloronaphthalene	9.275	162	889959	37.782	ng	97
48) 2-Nitroaniline	9.369	65	290016	40.053	ng	98
49) Acenaphthylene	9.693	152	1396197	37.708	ng	99
50) Dimethylphthalate	9.557	163	1049202	38.079	ng	98
51) 2,6-Dinitrotoluene	9.616	165	223936	40.100	ng	# 84
52) Acenaphthene	9.863	154	903356	37.648	ng	98
53) 3-Nitroaniline	9.781	138	266843	43.450	ng	90
54) 2,4-Dinitrophenol	9.881	184	70832	41.497	ng	92
55) Dibenzofuran	10.034	168	1288113	37.710	ng	95
56) 4-Nitrophenol	9.934	139	205712	40.955	ng	# 72
57) 2,4-Dinitrotoluene	10.016	165	278825	41.313	ng	# 86
58) Fluorene	10.381	166	909435	36.552	ng	95
59) 2,3,4,6-Tetrachlorophenol	10.146	232	277150m	39.840	ng	
60) Diethylphthalate	10.257	149	998487	38.232	ng	96
61) 4-Chlorophenyl-phenyle...	10.375	204	449726	36.774	ng	91
62) 4-Nitroaniline	10.398	138	257885	42.842	ng	87
63) Azobenzene	10.534	77	1076670	38.370	ng	97
65) 4,6-Dinitro-2-methylph...	10.422	198	112842	39.539	ng	82
66) n-Nitrosodiphenylamine	10.493	169	881072	37.346	ng	99
67) 4-Bromophenyl-phenylether	10.863	248	304903	37.577	ng	97
68) Hexachlorobenzene	10.922	284	328096	38.292	ng	94
69) Atrazine	11.022	200	253789	39.911	ng	97
70) Pentachlorophenol	11.110	266	223645	42.156	ng	96
71) Phenanthrene	11.340	178	1458606	37.048	ng	100
72) Anthracene	11.392	178	1510083	37.550	ng	98
73) Carbazole	11.545	167	1346151	37.490	ng	99
74) Di-n-butylphthalate	11.887	149	1501150	39.352	ng	98
75) Fluoranthene	12.528	202	1554150	37.371	ng	97
77) Benzidine	12.651	184	399247	38.156	ng	97
78) Pyrene	12.757	202	1593671	38.209	ng	97
80) Butylbenzylphthalate	13.392	149	583113	41.344	ng	# 98
81) Benzo(a)anthracene	13.945	228	1295245	37.580	ng	99
82) 3,3'-Dichlorobenzidine	13.916	252	374433	37.479	ng	# 99
83) Chrysene	13.986	228	1274400	37.952	ng	99
84) Bis(2-ethylhexyl)phtha...	13.957	149	662500	39.915	ng	99
85) Di-n-octyl phthalate	14.575	149	990714	39.252	ng	97
87) Indeno(1,2,3-cd)pyrene	16.880	276	1001506	39.633	ng	# 92
88) Benzo(b)fluoranthene	14.986	252	1015565	38.756	ng	# 95
89) Benzo(k)fluoranthene	15.022	252	1013717	38.834	ng	# 98
90) Benzo(a)pyrene	15.351	252	939525	38.454	ng	# 96
91) Dibenzo(a,h)anthracene	16.910	278	823089	40.305	ng	# 95
92) Benzo(g,h,i)perylene	17.327	276	836172	40.140	ng	# 92

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

