

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050124\
 Data File : BF137783.D
 Acq On : 01 May 2024 10:11
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/02/2024

Supervised By :mohammad ahmed 05/03/2024

Quant Time: May 01 10:32:36 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043024.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed May 01 03:25:08 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.063	152	229979	20.000	ng	0.00
21) Naphthalene-d8	8.345	136	892215	20.000	ng	0.00
39) Acenaphthene-d10	10.110	164	501089	20.000	ng	0.00
64) Phenanthrene-d10	11.604	188	889643	20.000	ng	0.00
76) Chrysene-d12	14.257	240	581916	20.000	ng	0.00
86) Perylene-d12	15.827	264	490885	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.681	112	1065981	77.605	ng	0.00
7) Phenol-d6	6.675	99	1325933	76.104	ng	0.00
23) Nitrobenzene-d5	7.622	82	1217713	79.294	ng	0.00
42) 2,4,6-Tribromophenol	10.898	330	407596	79.667	ng	0.00
45) 2-Fluorobiphenyl	9.422	172	2407525	77.948	ng	0.00
79) Terphenyl-d14	13.192	244	2772323	79.840	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.969	88	240379	38.862	ng	98
3) Pyridine	3.740	79	590251	39.429	ng	99
4) n-Nitrosodimethylamine	3.704	42	252878	37.513	ng	96
6) Aniline	6.722	93	667735	38.668	ng	99
8) 2-Chlorophenol	6.845	128	582204	38.893	ng	98
9) Benzaldehyde	6.616	77	372307	39.681	ng	99
10) Phenol	6.686	94	683208	38.270	ng	98
11) bis(2-Chloroethyl)ether	6.792	93	529869	37.905	ng	99
12) 1,3-Dichlorobenzene	7.004	146	656371	38.884	ng	98
13) 1,4-Dichlorobenzene	7.081	146	657791	38.835	ng	99
14) 1,2-Dichlorobenzene	7.234	146	616763	38.661	ng	99
15) Benzyl Alcohol	7.192	79	481696	39.979	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.328	45	756905	38.523	ng	99
17) 2-Methylphenol	7.298	107	474721	39.302	ng	99
18) Hexachloroethane	7.575	117	227473	39.726	ng	98
19) n-Nitroso-di-n-propyla...	7.469	70	393046	37.749	ng	97
20) 3+4-Methylphenols	7.451	107	620477	39.045	ng	96
22) Acetophenone	7.469	105	773603	38.552	ng	99
24) Nitrobenzene	7.645	77	627507	39.646	ng	96
25) Isophorone	7.881	82	1082515	39.096	ng	98
26) 2-Nitrophenol	7.957	139	316093	44.101	ng	96
27) 2,4-Dimethylphenol	7.981	122	405277	39.276	ng	95
28) bis(2-Chloroethoxy)met...	8.081	93	647029	38.595	ng	99
29) 2,4-Dichlorophenol	8.192	162	502563	40.295	ng	99
30) 1,2,4-Trichlorobenzene	8.281	180	543046	39.940	ng	98
31) Naphthalene	8.369	128	1727646	38.964	ng	99
32) Benzoic acid	8.086	122	398108m	44.721	ng	
33) 4-Chloroaniline	8.410	127	622235	37.844	ng	100
34) Hexachlorobutadiene	8.480	225	334603	40.084	ng	98
35) Caprolactam	8.780	113	159170	40.279	ng	97
36) 4-Chloro-3-methylphenol	8.880	107	515915	39.666	ng	96
37) 2-Methylnaphthalene	9.057	142	1128182	39.308	ng	100
38) 1-Methylnaphthalene	9.157	142	1103483	39.080	ng	98
40) 1,2,4,5-Tetrachloroben...	9.222	216	526880	39.700	ng	99
41) Hexachlorocyclopentadiene	9.210	237	222611	41.296	ng	99
43) 2,4,6-Trichlorophenol	9.333	196	363630	40.251	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.369	196	403211	40.421	ng	97
46) 1,1'-Biphenyl	9.522	154	1364573	39.681	ng	99
47) 2-Chloronaphthalene	9.551	162	1084988	39.079	ng	99
48) 2-Nitroaniline	9.645	65	313639	41.653	ng	93
49) Acenaphthylene	9.969	152	1583225	39.421	ng	100
50) Dimethylphthalate	9.822	163	1265662	40.011	ng	99
51) 2,6-Dinitrotoluene	9.886	165	301641	41.725	ng	87
52) Acenaphthene	10.145	154	1061636	39.879	ng	100
53) 3-Nitroaniline	10.057	138	306331	40.464	ng	96
54) 2,4-Dinitrophenol	10.157	184	155010	43.639	ng	90
55) Dibenzofuran	10.316	168	1514395	39.091	ng	98
56) 4-Nitrophenol	10.198	139	247578	39.458	ng	96
57) 2,4-Dinitrotoluene	10.286	165	397407	42.078	ng	98
58) Fluorene	10.657	166	1199148	38.893	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.427	232	326970	40.374	ng	99
60) Diethylphthalate	10.522	149	1197955	39.874	ng	98
61) 4-Chlorophenyl-phenyle...	10.645	204	600498	39.528	ng	98
62) 4-Nitroaniline	10.674	138	301969	39.325	ng	100
63) Azobenzene	10.810	77	1124282	38.719	ng	94
65) 4,6-Dinitro-2-methylph...	10.698	198	219458	42.978	ng	91
66) n-Nitrosodiphenylamine	10.763	169	1035117	38.870	ng	99
67) 4-Bromophenyl-phenylether	11.139	248	380493	39.963	ng	99
68) Hexachlorobenzene	11.210	284	405060	38.930	ng	# 92
69) Atrazine	11.286	200	317131	39.056	ng	97
70) Pentachlorophenol	11.398	266	291359	40.788	ng	98
71) Phenanthrene	11.627	178	1674674	38.620	ng	100
72) Anthracene	11.680	178	1659833	38.471	ng	99
73) Carbazole	11.833	167	1585521	38.131	ng	99
74) Di-n-butylphthalate	12.151	149	1842731	40.626	ng	99
75) Fluoranthene	12.821	202	1807969	38.143	ng	99
77) Benzidine	12.939	184	585544	43.508	ng	99
78) Pyrene	13.057	202	1827394	39.606	ng	99
80) Butylbenzylphthalate	13.657	149	666228	45.510	ng	99
81) Benzo(a)anthracene	14.245	228	1459189	39.206	ng	100
82) 3,3'-Dichlorobenzidine	14.204	252	460537	41.333	ng	99
83) Chrysene	14.286	228	1366148	39.202	ng	99
84) Bis(2-ethylhexyl)phtha...	14.210	149	877512	47.563	ng	100
85) Di-n-octyl phthalate	14.845	149	1289714	51.943	ng	100
87) Indeno(1,2,3-cd)pyrene	17.474	276	1111924	39.842	ng	100
88) Benzo(b)fluoranthene	15.357	252	1189012	38.931	ng	100
89) Benzo(k)fluoranthene	15.386	252	1146768	38.848	ng	100
90) Benzo(a)pyrene	15.762	252	988526	39.673	ng	99
91) Dibenzo(a,h)anthracene	17.498	278	914785	40.269	ng	99
92) Benzo(g,h,i)perylene	17.980	276	924211	38.809	ng	99

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

