

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062624\
 Data File : BF138348.D
 Acq On : 26 Jun 2024 13:12
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/27/2024

Supervised By :mohammad ahmed 06/27/2024

Quant Time: Jun 26 13:41:36 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061224.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Jun 13 01:52:47 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	222595	20.000	ng	-0.01
21) Naphthalene-d8	8.163	136	886258	20.000	ng	-0.01
39) Acenaphthene-d10	9.922	164	491603	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	843750	20.000	ng	-0.01
76) Chrysene-d12	14.039	240	418552	20.000	ng	-0.01
86) Perylene-d12	15.509	264	489718	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	987928	74.244	ng	-0.01
7) Phenol-d6	6.516	99	1212905	71.884	ng	0.00
23) Nitrobenzene-d5	7.451	82	1122573	73.739	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	384963	78.660	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	2154346	69.685	ng	-0.01
79) Terphenyl-d14	12.986	244	2106906	79.727	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.652	88	218943	35.954	ng	96
3) Pyridine	3.404	79	503414	34.783	ng	97
4) n-Nitrosodimethylamine	3.369	42	228272	34.080	ng	91
6) Aniline	6.545	93	590120	35.743	ng	98
8) 2-Chlorophenol	6.669	128	541366	37.631	ng	99
9) Benzaldehyde	6.434	77	356187	39.745	ng	100
10) Phenol	6.528	94	638760m	37.303	ng	
11) bis(2-Chloroethyl)ether	6.622	93	504406	36.806	ng	97
12) 1,3-Dichlorobenzene	6.822	146	598125	36.584	ng	99
13) 1,4-Dichlorobenzene	6.898	146	603304	36.668	ng	99
14) 1,2-Dichlorobenzene	7.057	146	568362	36.798	ng	97
15) Benzyl Alcohol	7.022	79	437521	38.457	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.157	45	646722	33.437	ng	97
17) 2-Methylphenol	7.134	107	429558	37.846	ng	99
18) Hexachloroethane	7.392	117	213995	38.391	ng	92
19) n-Nitroso-di-n-propyla...	7.298	70	352919	35.286	ng	98
20) 3+4-Methylphenols	7.287	107	521662	36.515	ng	93
22) Acetophenone	7.292	105	695676	34.362	ng	96
24) Nitrobenzene	7.469	77	570166	36.237	ng	93
25) Isophorone	7.704	82	986445	35.824	ng	100
26) 2-Nitrophenol	7.781	139	296251	46.824	ng	98
27) 2,4-Dimethylphenol	7.816	122	344790	35.820	ng	99
28) bis(2-Chloroethoxy)met...	7.916	93	623965	36.199	ng	99
29) 2,4-Dichlorophenol	8.022	162	462458	37.317	ng	98
30) 1,2,4-Trichlorobenzene	8.104	180	530000	36.265	ng	98
31) Naphthalene	8.186	128	1559225	35.580	ng	99
32) Benzoic acid	7.934	122	354164m	41.747	ng	
33) 4-Chloroaniline	8.233	127	578668	35.329	ng	99
34) Hexachlorobutadiene	8.298	225	315902	36.959	ng	98
35) Caprolactam	8.610	113	148136m	39.595	ng	
36) 4-Chloro-3-methylphenol	8.716	107	472706	38.311	ng	100
37) 2-Methylnaphthalene	8.875	142	1041064	36.197	ng	99
38) 1-Methylnaphthalene	8.975	142	1016567	36.068	ng	100
40) 1,2,4,5-Tetrachloroben...	9.039	216	511964	35.638	ng	99
41) Hexachlorocyclopentadiene	9.028	237	176942	37.774	ng	100
43) 2,4,6-Trichlorophenol	9.151	196	341433	37.958	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	372063	37.666	ng	98
46) 1,1'-Biphenyl	9.339	154	1281608	35.528	ng	98
47) 2-Chloronaphthalene	9.369	162	1027078	36.027	ng	96
48) 2-Nitroaniline	9.463	65	274633	40.001	ng	89
49) Acenaphthylene	9.780	152	1446037	36.172	ng	99
50) Dimethylphthalate	9.639	163	1145188	38.020	ng	100
51) 2,6-Dinitrotoluene	9.704	165	275523	42.165	ng	88
52) Acenaphthene	9.957	154	984644	36.121	ng	99
53) 3-Nitroaniline	9.875	138	277793	39.795	ng	92
54) 2,4-Dinitrophenol	9.975	184	121670	44.901	ng	97
55) Dibenzofuran	10.127	168	1366783	35.866	ng	98
56) 4-Nitrophenol	10.028	139	199587	36.180	ng	93
57) 2,4-Dinitrotoluene	10.104	165	358431	44.473	ng	93
58) Fluorene	10.469	166	1053631	35.166	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	290345	37.610	ng	100
60) Diethylphthalate	10.339	149	1099571	38.463	ng	99
61) 4-Chlorophenyl-phenyle...	10.457	204	544104	36.463	ng	99
62) 4-Nitroaniline	10.486	138	265848	38.116	ng	96
63) Azobenzene	10.622	77	1004495	35.073	ng	92
65) 4,6-Dinitro-2-methylph...	10.510	198	181920	43.134	ng	94
66) n-Nitrosodiphenylamine	10.580	169	926668	35.873	ng	99
67) 4-Bromophenyl-phenylether	10.951	248	351432	36.963	ng	97
68) Hexachlorobenzene	11.016	284	410118	36.963	ng	# 93
69) Atrazine	11.104	200	252396	34.304	ng	98
70) Pentachlorophenol	11.204	266	239539	37.018	ng	98
71) Phenanthrene	11.427	178	1480974	35.492	ng	98
72) Anthracene	11.480	178	1468840	35.455	ng	99
73) Carbazole	11.633	167	1293060	34.030	ng	99
74) Di-n-butylphthalate	11.963	149	1539660	39.140	ng	98
75) Fluoranthene	12.616	202	1418386	33.335	ng	99
77) Benzidine	12.739	184	291963	60.307	ng	97
78) Pyrene	12.845	202	1403072	38.864	ng	99
80) Butylbenzylphthalate	13.463	149	471041	47.966	ng	95
81) Benzo(a)anthracene	14.033	228	985144	36.688	ng	98
82) 3,3'-Dichlorobenzidine	13.992	252	330446	44.688	ng	99
83) Chrysene	14.068	228	929139	36.302	ng	99
84) Bis(2-ethylhexyl)phtha...	14.015	149	585280	51.244	ng	97
85) Di-n-octyl phthalate	14.633	149	958440	56.486	ng	97
87) Indeno(1,2,3-cd)pyrene	16.992	276	1320489	41.362	ng	100
88) Benzo(b)fluoranthene	15.080	252	992371	34.363	ng	99
89) Benzo(k)fluoranthene	15.110	252	992522	35.068	ng	99
90) Benzo(a)pyrene	15.451	252	912775	36.790	ng	99
91) Dibenzo(a,h)anthracene	17.009	278	1079457	41.194	ng	98
92) Benzo(g,h,i)perylene	17.445	276	1128740	41.638	ng	98

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

