

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060623\
 Data File : BF133605.D
 Acq On : 07 Jun 2023 00:05
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/07/2023

Supervised By :mohammad ahmed 06/08/2023

Quant Time: Jun 07 04:28:01 2023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052523.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Jun 06 14:05:12 2023

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	134739	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	463962	20.000	ng	0.00
39) Acenaphthene-d10	9.880	164	192082	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	317444	20.000	ng	0.00
76) Chrysene-d12	14.010	240	158414	20.000	ng	0.00
86) Perylene-d12	15.474	264	137387	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	618225	76.554	ng	0.00
7) Phenol-d6	6.469	99	735328	73.968	ng	0.00
23) Nitrobenzene-d5	7.404	82	667352	96.038	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	151337	79.039	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	1106091	88.878	ng	0.00
79) Terphenyl-d14	12.957	244	899306	100.935	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.546	88	137431	37.681	ng	100
3) Pyridine	3.293	79	381805	37.336	ng	96
4) n-Nitrosodimethylamine	3.251	42	201624	36.152	ng	96
6) Aniline	6.498	93	487092	36.087	ng	99
8) 2-Chlorophenol	6.622	128	309601	38.908	ng	98
9) Benzaldehyde	6.387	77	176265	34.594	ng	97
10) Phenol	6.481	94	373268m	37.429	ng	
11) bis(2-Chloroethyl)ether	6.575	93	308284	37.389	ng	98
12) 1,3-Dichlorobenzene	6.781	146	334194	37.830	ng	99
13) 1,4-Dichlorobenzene	6.857	146	335111	37.837	ng	97
14) 1,2-Dichlorobenzene	7.010	146	309050	37.814	ng	98
15) Benzyl Alcohol	6.981	79	281178	37.255	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.116	45	551773	35.283	ng	98
17) 2-Methylphenol	7.087	107	280214	37.186	ng	99
18) Hexachloroethane	7.351	117	84875	27.714	ng	# 90
19) n-Nitroso-di-n-propyla...	7.251	70	224555	34.912	ng	99
20) 3+4-Methylphenols	7.245	107	328447	38.553	ng	# 86
22) Acetophenone	7.251	105	407222	38.113	ng	# 92
24) Nitrobenzene	7.422	77	335453	45.307	ng	99
25) Isophorone	7.657	82	612225	37.804	ng	100
26) 2-Nitrophenol	7.734	139	109484	33.824	ng	97
27) 2,4-Dimethylphenol	7.775	122	267178	38.774	ng	99
28) bis(2-Chloroethoxy)met...	7.869	93	365716	38.944	ng	98
29) 2,4-Dichlorophenol	7.975	162	242229	39.073	ng	98
30) 1,2,4-Trichlorobenzene	8.063	180	256351	38.230	ng	99
31) Naphthalene	8.145	128	850259	37.800	ng	99
32) Benzoic acid	7.857	122	125062m	30.684	ng	
33) 4-Chloroaniline	8.192	127	350573	36.364	ng	98
34) Hexachlorobutadiene	8.257	225	164443	40.316	ng	99
35) Caprolactam	8.563	113	75976	37.369	ng	97
36) 4-Chloro-3-methylphenol	8.669	107	253972	36.572	ng	99
37) 2-Methylnaphthalene	8.833	142	551549	35.913	ng	98
38) 1-Methylnaphthalene	8.933	142	518607	36.225	ng	100
40) 1,2,4,5-Tetrachloroben...	8.998	216	243036	42.690	ng	98
41) Hexachlorocyclopentadiene	8.986	237	8597	2.947	ng	98
43) 2,4,6-Trichlorophenol	9.110	196	152532	41.871	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.151	196	171058	40.455	ng	98
46) 1,1'-Biphenyl	9.298	154	654693	41.952	ng	98
47) 2-Chloronaphthalene	9.322	162	447925	39.604	ng	98
48) 2-Nitroaniline	9.422	65	169634	46.822	ng	90
49) Acenaphthylene	9.739	152	747489	38.728	ng	100
50) Dimethylphthalate	9.598	163	584903	43.325	ng	100
51) 2,6-Dinitrotoluene	9.663	165	100463	39.819	ng	# 82
52) Acenaphthene	9.910	154	428264	36.630	ng	99
53) 3-Nitroaniline	9.833	138	150845	46.951	ng	# 86
54) 2,4-Dinitrophenol	9.933	184	1033	7.578	ng	# 65
55) Dibenzofuran	10.086	168	643240	36.980	ng	98
56) 4-Nitrophenol	9.980	139	80921	35.035	ng	98
57) 2,4-Dinitrotoluene	10.063	165	106651	34.913	ng	86
58) Fluorene	10.427	166	461397	36.205	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.198	232	121874	38.272	ng	97
60) Diethylphthalate	10.298	149	572177	40.827	ng	99
61) 4-Chlorophenyl-phenyle...	10.422	204	238184	38.924	ng	95
62) 4-Nitroaniline	10.445	138	142553	44.214	ng	96
63) Azobenzene	10.580	77	479511	34.181	ng	100
65) 4,6-Dinitro-2-methylph...	10.475	198	2137	10.059	ng	88
66) n-Nitrosodiphenylamine	10.539	169	432096	41.927	ng	99
67) 4-Bromophenyl-phenylether	10.910	248	138678	41.135	ng	96
68) Hexachlorobenzene	10.975	284	138528	39.294	ng	98
69) Atrazine	11.063	200	107504	38.018	ng	99
70) Pentachlorophenol	11.169	266	75750	35.935	ng	99
71) Phenanthrene	11.392	178	616427	38.339	ng	99
72) Anthracene	11.439	178	640234	38.690	ng	100
73) Carbazole	11.598	167	593466	37.923	ng	99
74) Di-n-butylphthalate	11.927	149	772823	41.763	ng	99
75) Fluoranthene	12.580	202	648490	36.515	ng	99
77) Benzidine	12.704	184	198588	42.862	ng	98
78) Pyrene	12.810	202	634787	47.090	ng	100
80) Butylbenzylphthalate	13.433	149	287750	53.950	ng	93
81) Benzo(a)anthracene	14.004	228	420865	39.881	ng	99
82) 3,3'-Dichlorobenzidine	13.963	252	142980	43.341	ng	98
83) Chrysene	14.039	228	408990	38.391	ng	99
84) Bis(2-ethylhexyl)phtha...	13.992	149	369645	55.445	ng	98
85) Di-n-octyl phthalate	14.610	149	550913	49.605	ng	98
87) Indeno(1,2,3-cd)pyrene	16.939	276	331900	37.926	ng	97
88) Benzo(b)fluoranthene	15.051	252	335775	37.532	ng	98
89) Benzo(k)fluoranthene	15.080	252	329016	37.717	ng	99
90) Benzo(a)pyrene	15.415	252	311358	38.248	ng	99
91) Dibenzo(a,h)anthracene	16.956	278	278338	39.228	ng	98
92) Benzo(g,h,i)perylene	17.380	276	234074	32.717	ng	98

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

Reviewed By :Yogesh Patel 06/07/2023
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