

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122223\
 Data File : BF136677.D
 Acq On : 22 Dec 2023 10:03
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/25/2023
 Supervised By :mohammad ahmed 12/25/2023

Quant Time: Dec 22 10:24:32 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 21 01:54:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	67670	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	263902	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	137162	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	248389	20.000	ng	0.00
76) Chrysene-d12	13.969	240	123817	20.000	ng	# 0.00
86) Perylene-d12	15.439	264	128170	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	353073	81.409	ng	0.00
7) Phenol-d6	6.434	99	451994	80.430	ng	0.00
23) Nitrobenzene-d5	7.351	82	419284	81.300	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	125069	77.424	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	822282	80.631	ng	0.00
79) Terphenyl-d14	12.910	244	752160	84.893	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.522	88	71638	39.643	ng	99
3) Pyridine	3.281	79	176930	40.129	ng	96
4) n-Nitrosodimethylamine	3.252	42	94609	40.182	ng	95
6) Aniline	6.451	93	223728	39.819	ng	# 75
8) 2-Chlorophenol	6.575	128	189564	39.941	ng	97
9) Benzaldehyde	6.340	77	125787	39.351	ng	97
10) Phenol	6.446	94	238696	39.789	ng	98
11) bis(2-Chloroethyl)ether	6.528	93	180318	39.524	ng	96
12) 1,3-Dichlorobenzene	6.728	146	212812	41.103	ng	98
13) 1,4-Dichlorobenzene	6.804	146	212685	40.203	ng	98
14) 1,2-Dichlorobenzene	6.957	146	199860	40.600	ng	98
15) Benzyl Alcohol	6.934	79	151135	39.864	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.063	45	297538	39.890	ng	99
17) 2-Methylphenol	7.046	107	153837	39.126	ng	97
18) Hexachloroethane	7.293	117	77705	40.444	ng	97
19) n-Nitroso-di-n-propyla...	7.198	70	136053	39.937	ng	99
20) 3+4-Methylphenols	7.198	107	193031	39.297	ng	95
22) Acetophenone	7.198	105	261643	39.555	ng	# 97
24) Nitrobenzene	7.369	77	210846	40.813	ng	99
25) Isophorone	7.604	82	374389	39.896	ng	98
26) 2-Nitrophenol	7.681	139	103603	41.915	ng	94
27) 2,4-Dimethylphenol	7.722	122	122008	40.545	ng	99
28) bis(2-Chloroethoxy)met...	7.816	93	231895	40.654	ng	99
29) 2,4-Dichlorophenol	7.928	162	159604	41.198	ng	97
30) 1,2,4-Trichlorobenzene	8.004	180	174791	40.494	ng	98
31) Naphthalene	8.087	128	585377	40.376	ng	100
32) Benzoic acid	7.851	122	121902m	41.868	ng	
33) 4-Chloroaniline	8.140	127	212951	39.782	ng	98
34) Hexachlorobutadiene	8.198	225	106698	40.685	ng	97
35) Caprolactam	8.516	113	50430	39.459	ng	95
36) 4-Chloro-3-methylphenol	8.628	107	174737	40.065	ng	98
37) 2-Methylnaphthalene	8.775	142	376756	40.379	ng	100
38) 1-Methylnaphthalene	8.875	142	361714	39.514	ng	98
40) 1,2,4,5-Tetrachloroben...	8.945	216	174339	41.042	ng	99
41) Hexachlorocyclopentadiene	8.928	237	46448	37.093	ng	99
43) 2,4,6-Trichlorophenol	9.057	196	112358	41.244	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122223\
 Data File : BF136677.D
 Acq On : 22 Dec 2023 10:03
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/25/2023
 Supervised By :mohammad ahmed 12/25/2023

Quant Time: Dec 22 10:24:32 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 21 01:54:25 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.104	196	124224	40.920	ng	98
46) 1,1'-Biphenyl	9.245	154	464813	40.383	ng	100
47) 2-Chloronaphthalene	9.269	162	356510	40.744	ng	99
48) 2-Nitroaniline	9.369	65	112125	40.921	ng	94
49) Acenaphthylene	9.681	152	542052	40.529	ng	99
50) Dimethylphthalate	9.545	163	390482	38.976	ng	99
51) 2,6-Dinitrotoluene	9.610	165	90583	39.839	ng	# 82
52) Acenaphthene	9.857	154	328731	39.651	ng	98
53) 3-Nitroaniline	9.781	138	95265	39.552	ng	97
54) 2,4-Dinitrophenol	9.892	184	44088	37.088	ng	98
55) Dibenzofuran	10.028	168	501408	39.898	ng	99
56) 4-Nitrophenol	9.951	139	62021	38.144	ng	95
57) 2,4-Dinitrotoluene	10.016	165	114798	38.891	ng	99
58) Fluorene	10.375	166	395944	39.707	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.151	232	93772	40.127	ng	98
60) Diethylphthalate	10.245	149	405586	39.018	ng	98
61) 4-Chlorophenyl-phenyle...	10.363	204	189532	39.104	ng	98
62) 4-Nitroaniline	10.398	138	86807m	37.385	ng	
63) Azobenzene	10.528	77	380749	39.216	ng	99
65) 4,6-Dinitro-2-methylph...	10.428	198	61568	43.251	ng	95
66) n-Nitrosodiphenylamine	10.486	169	335300	41.555	ng	99
67) 4-Bromophenyl-phenylether	10.857	248	115492	41.867	ng	96
68) Hexachlorobenzene	10.922	284	129660	42.178	ng	99
69) Atrazine	11.016	200	73320	35.527	ng	97
70) Pentachlorophenol	11.116	266	61463	42.894	ng	99
71) Phenanthrene	11.339	178	527388	41.380	ng	99
72) Anthracene	11.386	178	528173	40.921	ng	99
73) Carbazole	11.545	167	482921	39.684	ng	99
74) Di-n-butylphthalate	11.880	149	590274	39.751	ng	99
75) Fluoranthene	12.528	202	522724	38.343	ng	97
77) Benzidine	12.657	184	138544	37.949	ng	97
78) Pyrene	12.763	202	522741	43.007	ng	99
80) Butylbenzylphthalate	13.386	149	186834	42.244	ng	96
81) Benzo(a)anthracene	13.957	228	353731	41.142	ng	99
82) 3,3'-Dichlorobenzidine	13.922	252	104587	42.834	ng	100
83) Chrysene	13.992	228	340811	40.536	ng	98
84) Bis(2-ethylhexyl)phtha...	13.951	149	235593	42.338	ng	# 97
85) Di-n-octyl phthalate	14.563	149	380298	44.181	ng	100
87) Indeno(1,2,3-cd)pyrene	16.945	276	412101	44.532	ng	99
88) Benzo(b)fluoranthene	15.010	252	321896	37.602	ng	100
89) Benzo(k)fluoranthene	15.039	252	314740	38.910	ng	98
90) Benzo(a)pyrene	15.380	252	289405	40.050	ng	99
91) Dibenzo(a,h)anthracene	16.963	278	340209	44.811	ng	98
92) Benzo(g,h,i)perylene	17.398	276	351144	45.158	ng	100

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

Manual Integrations

Quant Time: Dec 22 10:24:32 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 21 01:54:25 2023
Response via : Initial Calibration

